Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092820\
Data File : BG046720.D
Acq On : 28 Sep 2020 15:49
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 28 16:49:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 14:51:01 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV007

Manual Integrations APPROVED
mohammad
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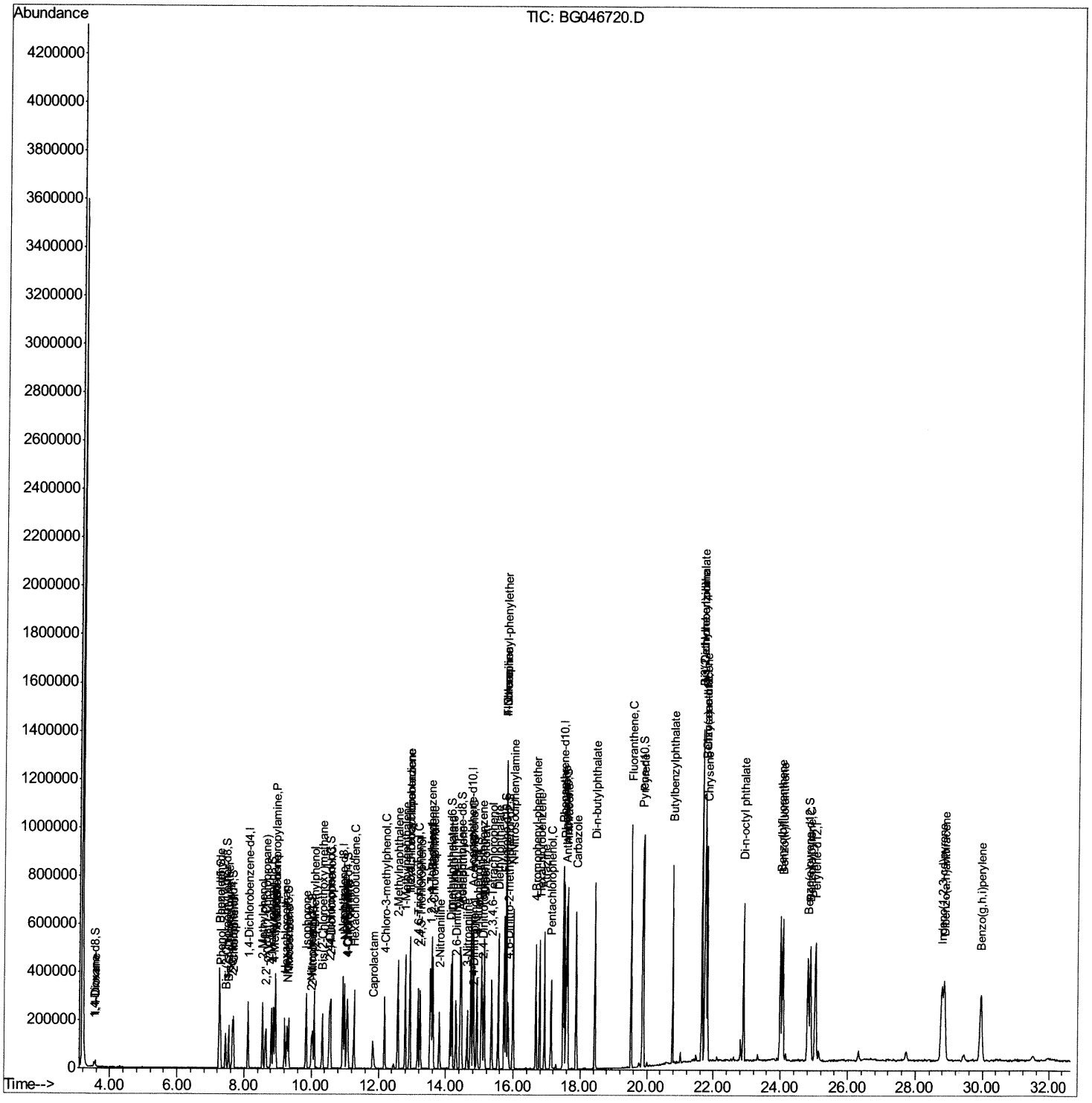

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Acq On : 28 Sep 2020 15:49
Operator : CG/JU
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Quant Time: Sep 28 16:46:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
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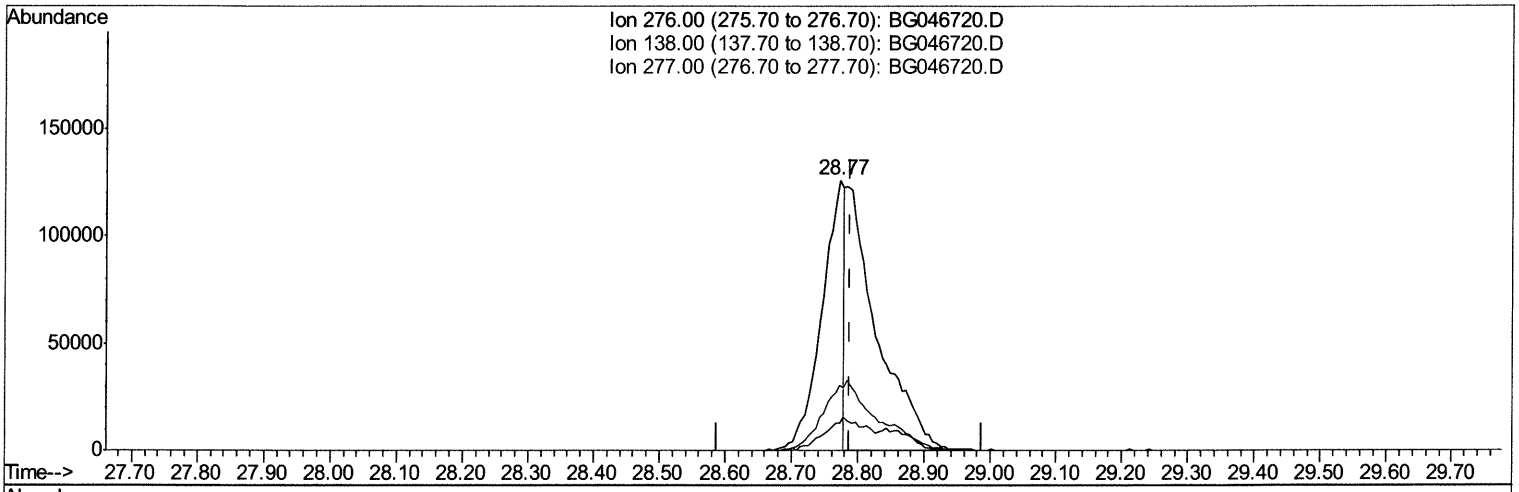

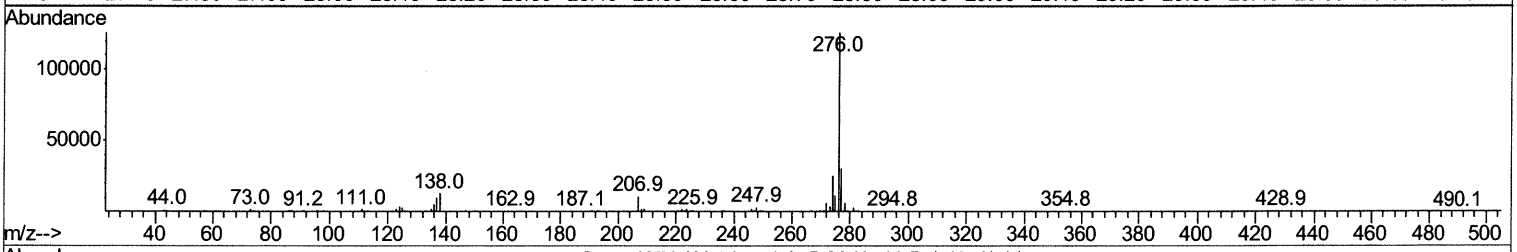

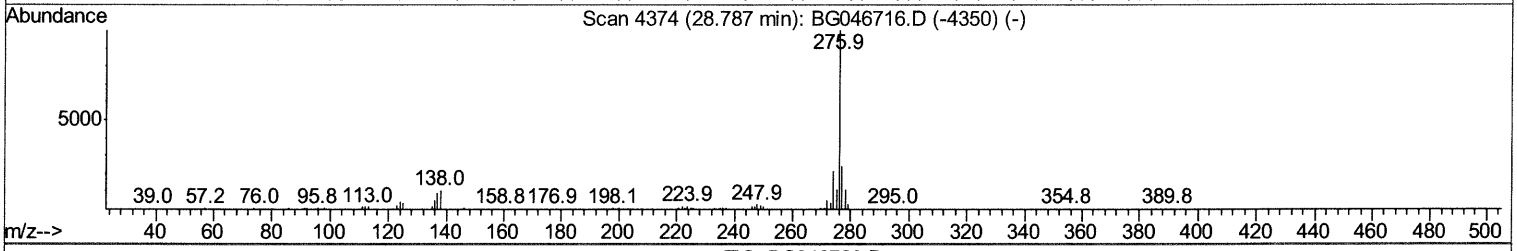

TIC: BG046720.D

(92) Indeno(1,2,3-cd)pyrene

28.772min (-0.015) 7.40ng/ul

response 298201

Ion	Exp%	Act%
276.00	100	100
138.00	10.50	10.20
277.00	24.20	24.10
0.00	0.00	0.00

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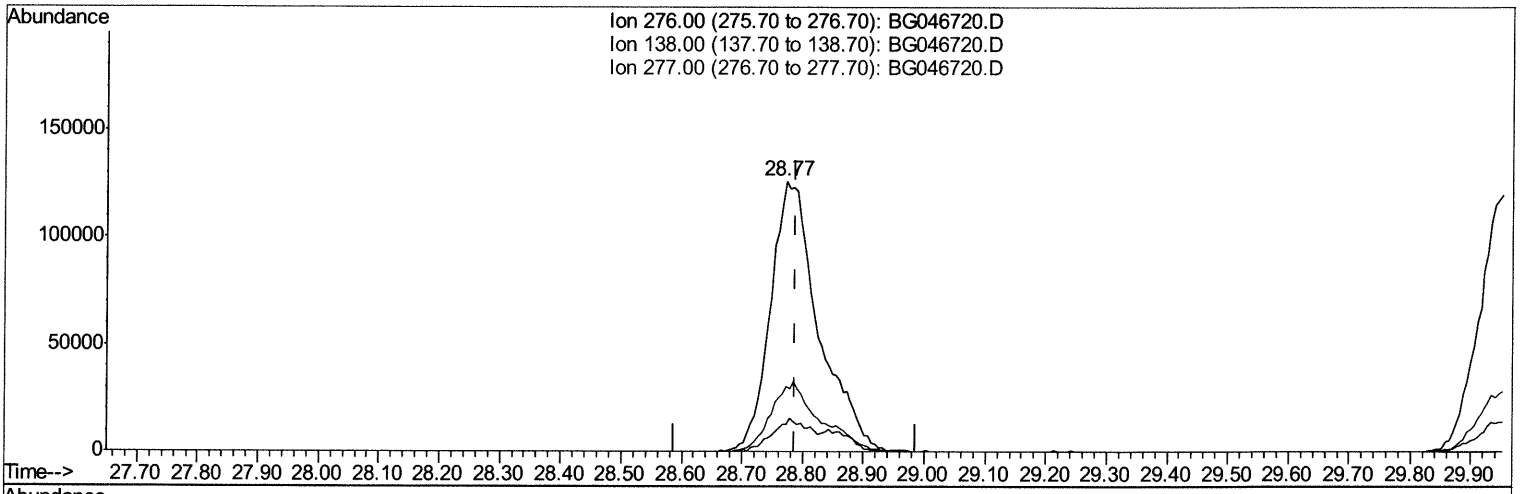

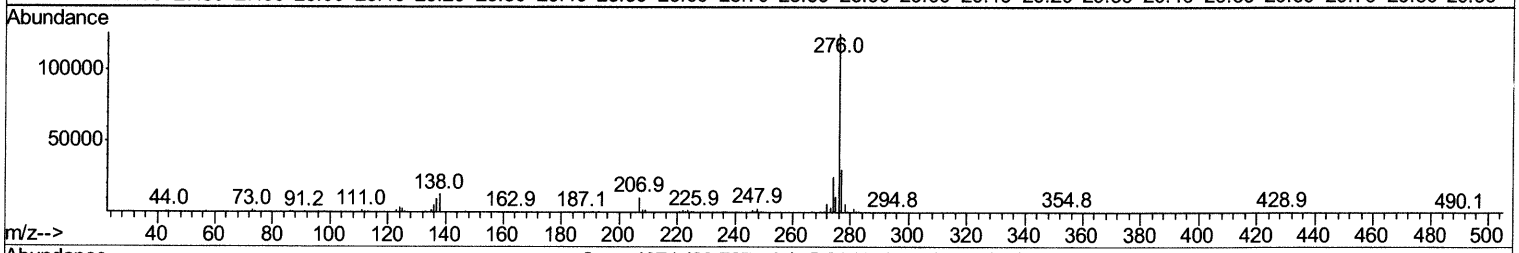

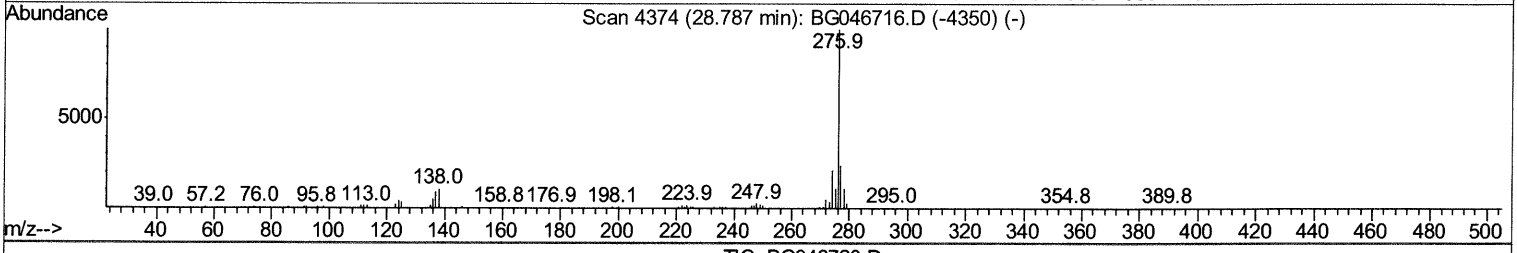

TIC: BG046720.D

(92) Indeno(1,2,3-cd)pyrene

28.772min (-0.015) 17.18ng/ul m

response 692162

JU 9/29/20

Ion	Exp%	Act%
276.00	100	100
138.00	10.50	10.20
277.00	24.20	24.10
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	73700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	307542	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	221440	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	524501	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	548979	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	545814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	10485	6.67	ng/uL	0.00
5) Phenol-d5	7.26	99	115340	18.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	69123	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	84139	18.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	91815	18.86	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	38778	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	41988	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	97292	18.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	118382	18.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	287493	17.17	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	342134	17.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	51405	19.26	ng/ul	0.00
58) Fluorene-d10	15.73	176	267629	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	42854	18.07	ng/ul	0.00
71) Anthracene-d10	17.59	188	410362	17.06	ng/ul	0.00
79) Pyrene-d10	19.86	212	497214	17.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	507222	17.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	13448	7.475	ng/uL	95
4) Benzaldehyde	7.25	77	86089	19.570	ng/ul	95
6) Phenol	7.29	94	120502	18.410	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.53	93	93670	18.405	ng/ul	95
10) 2-Chlorophenol	7.67	128	86679	18.782	ng/ul	96
11) 2-Methylphenol	8.54	108	88093	18.048	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.64	45	146675	18.189	ng/ul	97
14) Acetophenone	8.94	105	149217	18.706	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.92	70	81389	18.471	ng/ul	97
16) 4-Methylphenol	8.87	108	94555	18.494	ng/ul	99
17) Hexachloroethane	9.21	117	38804	18.602	ng/ul	99
20) Nitrobenzene	9.32	77	113690	19.727	ng/ul#	96
21) Isophorone	9.84	82	224124	17.418	ng/ul	97
23) 2-Nitrophenol	10.04	139	47503	20.608	ng/ul	97
24) 2,4-Dimethylphenol	10.08	107	109146	17.562	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.32	93	126495	17.069	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	93434	18.264	ng/ul	96
28) Naphthalene	10.98	128	289355	17.088	ng/ul	96
30) 4-Chloroaniline	11.08	127	114158	18.436	ng/ul	98
31) Hexachlorobutadiene	11.26	225	76173	16.667	ng/ul	94
32) Caprolactam	11.83	113	31727	17.401	ng/ul	95
33) 4-Chloro-3-methylphenol	12.19	107	101669	17.832	ng/ul	96
34) 2-Methylnaphthalene	12.57	142	211125	16.935	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	207708	17.179 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	136249	16.733 ng/ul	98
38) Hexachlorocyclopentadiene	12.93	237	89302	17.175 ng/ul#	89
39) 2,4,6-Trichlorophenol	13.17	196	82332	17.877 ng/ul	95
40) 2,4,5-Trichlorophenol	13.24	196	88083	18.217 ng/ul	98
41) 1,1'-Biphenyl	13.58	154	289597	16.868 ng/ul	99
42) 2-Chloronaphthalene	13.62	162	229244	16.816 ng/ul	98
43) 2-Nitroaniline	13.81	65	64714	20.640 ng/ul	96
45) Dimethylphthalate	14.19	163	299749	17.335 ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	55422	20.200 ng/ul	95
48) Acenaphthylene	14.47	152	348215	17.370 ng/ul	99
49) 3-Nitroaniline	14.63	138	52006	18.988 ng/ul	84
50) Acenaphthene	14.81	153	237456	16.735 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	26689	16.624 ng/ul#	64
53) 4-Nitrophenol	14.92	109	47591	18.077 ng/ul	89
54) Dibenzofuran	15.14	168	353784	16.993 ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	74428	19.904 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.36	232	86681	19.068 ng/ul#	99
57) Diethylphthalate	15.55	149	297545	17.402 ng/ul	97
59) Fluorene	15.79	166	288736	16.845 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.78	204	160811	16.609 ng/ul	97
61) 4-Nitroaniline	15.79	138	60354	19.249 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.85	198	45602	17.509 ng/ul#	89
65) N-Nitrosodiphenylamine	15.99	169	260636	17.292 ng/ul	96
66) 4-Bromophenyl-phenylether	16.67	248	112777	17.165 ng/ul	89
67) Hexachlorobenzene	16.79	284	112894	21.017 ng/ul	97
68) Atrazine	16.93	200	106686	17.246 ng/ul	99
69) Pentachlorophenol	17.13	266	69677	17.617 ng/ul#	88
70) Phenanthrene	17.53	178	482023	16.757 ng/ul	99
72) Anthracene	17.61	178	493860	17.045 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	139003	17.062 ng/uL	95
74) Pentachlorobenzene	15.06	250	137566	16.469 ng/uL	93
75) Carbazole	17.88	167	414986	17.790 ng/ul	99
76) Di-n-butylphthalate	18.44	149	504042	17.708 ng/ul	99
77) Fluoranthene	19.53	202	628393	17.349 ng/ul	99
80) Pyrene	19.89	202	620485	17.561 ng/ul	99
81) Butylbenzylphthalate	20.78	149	224032	18.046 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.65	252	235354	18.689 ng/ul	100
83) Benzo(a)anthracene	21.74	228	619940	17.119 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	321402	17.592 ng/ul	94
85) Chrysene	21.81	228	605036	17.295 ng/ul	98
87) Di-n-octyl phthalate	22.90	149	560498	18.533 ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	614454	17.018 ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	612173	17.335 ng/ul	99
91) Benzo(a)pyrene	24.89	252	564085	16.993 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.77	276	692162m	17.180 ng/ul	98
93) Dibenzo(a,h)anthracene	28.86	278	574114	17.181 ng/ul	98
94) Benzo(g,h,i)perylene	29.95	276	571708	17.020 ng/ul	98

> JU 9/29/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed