Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
Data File : BN002242.D
Acq On : 08 Aug 2018 09:29
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02027

Quant Time: Aug 08 23:18:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 08 02:41:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	326688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1466969	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	817351	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1668912	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1259536	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1117516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	56009	7.74	ng/uL	0.00
5) Phenol-d5	6.86	99	572947	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	371416	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	457642	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	446976	18.04	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	240055	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	248119	18.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	455094	18.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	629533	22.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1312313	18.94	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1732795	20.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	209424	15.82	ng/ul	0.00
57) Fluorene-d10	15.31	176	1148130	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	195091	17.95	ng/ul	0.00
70) Anthracene-d10	17.16	188	1644717	20.21	ng/ul	0.00
78) Pyrene-d10	19.46	212	1543345	23.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1210773	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	57251	7.877	ng/uL	91
4) Benzaldehyde	6.83	77	401606	22.008	ng/ul	94
6) Phenol	6.89	94	583368	18.882	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.11	93	463067	19.657	ng/ul#	86
10) 2-Chlorophenol	7.25	128	457876	18.891	ng/ul#	90
11) 2-Methylphenol	8.12	108	437476	18.411	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.21	45	765415	19.765	ng/ul#	85
14) Acetophenone	8.49	105	752251	20.001	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.49	70	394674	19.150	ng/ul#	85
16) 4-Methylphenol	8.45	108	480878	18.651	ng/ul	95
17) Hexachloroethane	8.75	117	193356	20.182	ng/ul	98
20) Nitrobenzene	8.87	77	579309	20.709	ng/ul	93
21) Isophorone	9.39	82	1065918	19.044	ng/ul	97
23) 2-Nitrophenol	9.58	139	260722	18.525	ng/ul#	89
24) 2,4-Dimethylphenol	9.64	107	528900	18.770	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.88	93	638688	18.956	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	442683	18.537	ng/ul	97
28) Naphthalene	10.50	128	1549334	19.991	ng/ul	100
30) 4-Chloroaniline	10.62	127	622303	22.153	ng/ul	100
31) Hexachlorobutadiene	10.79	225	287694	20.328	ng/ul	99
32) Caprolactam	11.38	113	137430	15.483	ng/ul#	53
33) 4-Chloro-3-methylphenol	11.75	107	470757	17.526	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1097895	19.422	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	539985	20.374 ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	320932	19.090 ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	341777	18.761 ng/ul	100
39) 2,4,5-Trichlorophenol	12.82	196	349471	18.160 ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1388398	20.411 ng/ul	97
41) 2-Chloronaphthalene	13.18	162	1092120	20.648 ng/ul	96
42) 2-Nitroaniline	13.39	65	329292	19.364 ng/ul#	82
44) Dimethylphthalate	13.78	163	1292147	19.041 ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	272752	19.016 ng/ul	96
47) Acenaphthylene	14.03	152	1675874	20.254 ng/ul	99
48) 3-Nitroaniline	14.23	138	277109	19.600 ng/ul	90
49) Acenaphthene	14.38	153	1148859	20.117 ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	117707	13.951 ng/ul#	1
52) 4-Nitrophenol	14.55	109	155376	16.796 ng/ul#	86
53) Dibenzofuran	14.72	168	1593746	19.751 ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	390007	18.748 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	14.95	232	292288	17.297 ng/ul	99
56) Diethylphthalate	15.15	149	1293155	18.766 ng/ul	99
58) Fluorene	15.37	166	1264962	19.636 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	628947	19.657 ng/ul	94
60) 4-Nitroaniline	15.39	138	283520	17.321 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	198753	17.660 ng/ul	98
64) N-Nitrosodiphenylamine	15.58	169	1063861	20.841 ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	380692	20.730 ng/ul	91
66) Hexachlorobenzene	16.37	284	409099	20.131 ng/ul	91
67) Atrazine	16.54	200	363352	19.727 ng/ul	99
68) Pentachlorophenol	16.72	266	194657	16.839 ng/ul	98
69) Phenanthrene	17.11	178	1911722	20.397 ng/ul	99
71) Anthracene	17.20	178	1940574	20.330 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	569555	22.887 ng/uL	98
73) Pentachlorobenzene	14.64	250	506623	21.765 ng/uL	99
74) Carbazole	17.47	167	1632968	20.224 ng/ul	99
75) Di-n-butylphthalate	18.04	149	2025681	18.974 ng/ul	100
76) Fluoranthene	19.13	202	1971925	19.826 ng/ul	98
79) Pyrene	19.50	202	1955941	24.200 ng/ul	99
80) Butylbenzylphthalate	20.40	149	757933	19.744 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.19	252	503620	18.857 ng/ul	99
82) Benzo(a)anthracene	21.25	228	1621752	20.214 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1048049	19.281 ng/ul	98
84) Chrysene	21.30	228	1504513	20.122 ng/ul	99
86) Di-n-octyl phthalate	22.07	149	1578770	21.510 ng/ul#	93
87) Benzo(b)fluoranthene	22.83	252	1407636	20.466 ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	1372820	21.010 ng/ul	99
90) Benzo(a)pyrene	23.40	252	1334628	20.422 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1551583	20.538 ng/ul	98
92) Dibenzo(a,h)anthracene	25.73	278	1290170	20.406 ng/ul	98
93) Benzo(g,h,i)perylene	26.40	276	1289372	20.311 ng/ul	97

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

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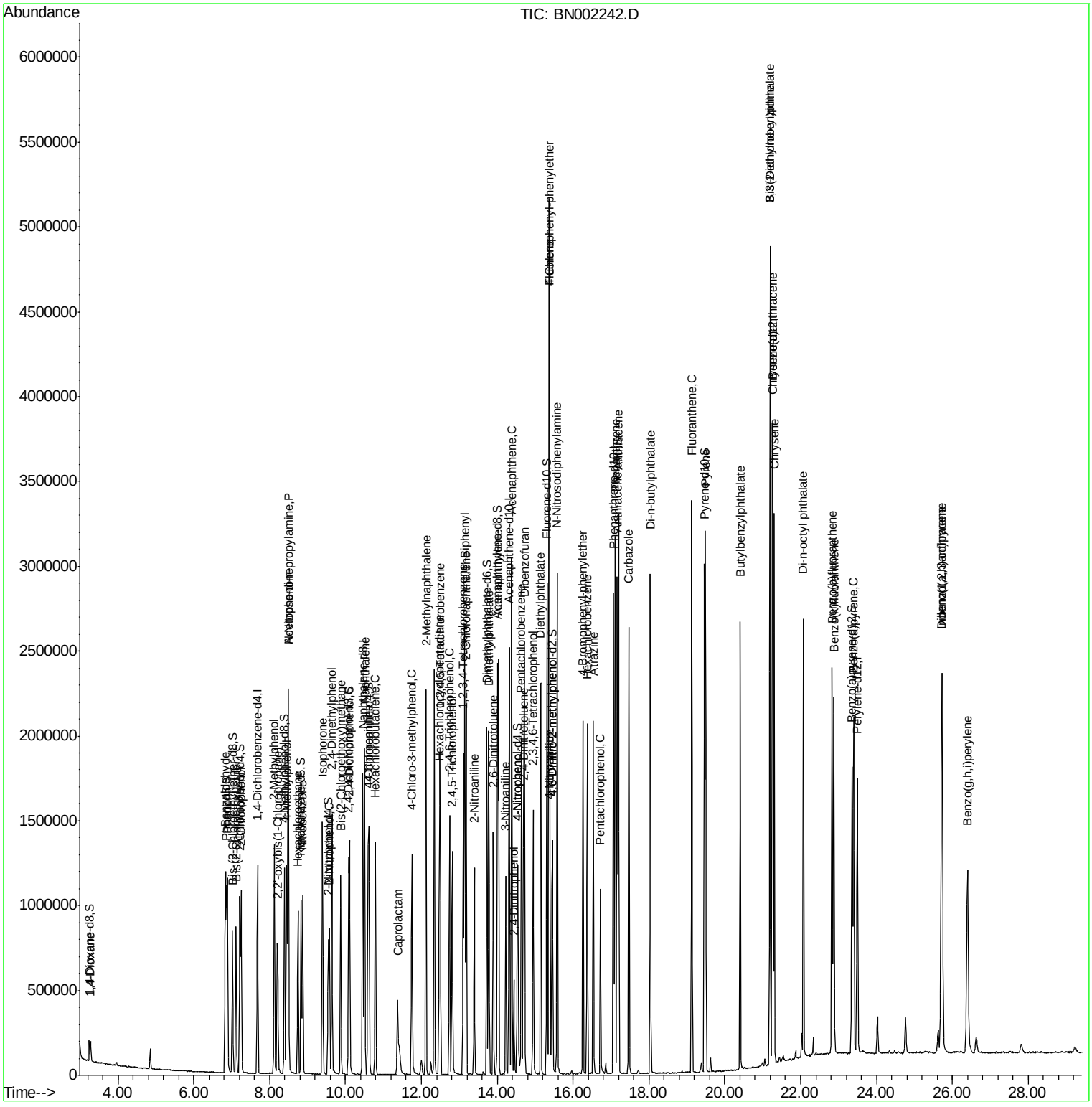
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