Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092920\
Data File : BG046725.D
Acq On : 29 Sep 2020 19:03
Operator : CG/JU
Sample : SSTD04030
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04030

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Quant Time: Sep 30 01:17:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 19:01:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	68508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	271298	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	194217	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	462820	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	485079	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	491311	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	23587	17.00	ng/uL	0.00
5) Phenol-d5	7.26	99	245218	45.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	148538	44.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	180308	41.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	187025	41.23	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	84324	44.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	88758	45.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	208932	47.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	245137	49.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	608604	40.18	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	719471	40.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	105690	42.72	ng/ul	0.00
58) Fluorene-d10	15.73	176	555932	40.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	92846	40.08	ng/ul	0.00
71) Anthracene-d10	17.58	188	838550	39.29	ng/ul	0.00
79) Pyrene-d10	19.86	212	1035836	40.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	1082313	39.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	27814m	16.376	ng/uL	
4) Benzaldehyde	7.25	77	181120	47.255	ng/ul	96
6) Phenol	7.29	94	256838	46.382	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.53	93	197095	43.489	ng/ul	91
10) 2-Chlorophenol	7.68	128	183011	41.952	ng/ul	98
11) 2-Methylphenol	8.55	108	189010	42.359	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.65	45	312185	40.756	ng/ul	98
14) Acetophenone	8.94	105	311119	46.491	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.93	70	170024	46.956	ng/ul	94
16) 4-Methylphenol	8.88	108	205094	42.902	ng/ul	94
17) Hexachloroethane	9.21	117	82309	44.465	ng/ul	92
20) Nitrobenzene	9.32	77	248243	50.444	ng/ul#	97
21) Isophorone	9.84	82	480795	49.993	ng/ul	99
23) 2-Nitrophenol	10.04	139	102250	46.655	ng/ul	97
24) 2,4-Dimethylphenol	10.09	107	230916	47.547	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.33	93	270463	44.459	ng/ul	97
27) 2,4-Dichlorophenol	10.57	162	197891	45.314	ng/ul	99
28) Naphthalene	10.98	128	609099	41.951	ng/ul	99
30) 4-Chloroaniline	11.08	127	237575	49.499	ng/ul	95
31) Hexachlorobutadiene	11.27	225	162528	48.362	ng/ul	95
32) Caprolactam	11.84	113	67985m	46.179	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	217913	48.666	ng/ul	95
34) 2-Methylnaphthalene	12.58	142	452062	41.414	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	432053	40.078 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	287303	42.789 ng/ul	96
38) Hexachlorocyclopentadiene	12.92	237	184968	48.115 ng/ul#	98
39) 2,4,6-Trichlorophenol	13.17	196	182578	46.518 ng/ul	95
40) 2,4,5-Trichlorophenol	13.24	196	192199	45.047 ng/ul	97
41) 1,1'-Biphenyl	13.58	154	603573	40.167 ng/ul	98
42) 2-Chloronaphthalene	13.62	162	480886	40.110 ng/ul	95
43) 2-Nitroaniline	13.81	65	149026	52.730 ng/ul	94
45) Dimethylphthalate	14.19	163	619909	40.807 ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	119190	41.143 ng/ul	96
48) Acenaphthylene	14.46	152	705324	38.347 ng/ul	100
49) 3-Nitroaniline	14.63	138	113913	41.743 ng/ul	96
50) Acenaphthene	14.80	153	502709	37.960 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	63673	49.651 ng/ul#	85
53) 4-Nitrophenol	14.93	109	107464	60.538 ng/ul	96
54) Dibenzofuran	15.14	168	731564	40.508 ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	171689	41.617 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.36	232	183626	46.157 ng/ul#	96
57) Diethylphthalate	15.56	149	615439	41.015 ng/ul	96
59) Fluorene	15.78	166	596995	38.981 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.78	204	339605	42.208 ng/ul	98
61) 4-Nitroaniline	15.80	138	124532	40.934 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.85	198	104150	42.212 ng/ul	97
65) N-Nitrosodiphenylamine	15.99	169	532146	39.543 ng/ul	97
66) 4-Bromophenyl-phenylether	16.67	248	234916	40.845 ng/ul	98
67) Hexachlorobenzene	16.79	284	244467	37.656 ng/ul	97
68) Atrazine	16.94	200	229776	42.712 ng/ul	99
69) Pentachlorophenol	17.12	266	150762	43.568 ng/ul	95
70) Phenanthrene	17.53	178	1008673	39.050 ng/ul	99
72) Anthracene	17.62	178	1009084	39.208 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	290097	41.740 ng/uL	95
74) Pentachlorobenzene	15.06	250	290906	41.447 ng/uL	98
75) Carbazole	17.88	167	857306	41.511 ng/ul	96
76) Di-n-butylphthalate	18.45	149	1037052	40.810 ng/ul	99
77) Fluoranthene	19.53	202	1279869	45.172 ng/ul	98
80) Pyrene	19.89	202	1246478	38.002 ng/ul	99
81) Butylbenzylphthalate	20.78	149	462760	41.103 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.65	252	482932	46.384 ng/ul	100
83) Benzo(a)anthracene	21.74	228	1267985	39.692 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.65	149	669085	40.854 ng/ul	100
85) Chrysene	21.81	228	1216846	39.184 ng/ul	97
87) Di-n-octyl phthalate	22.90	149	1154402	44.966 ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	1310757	39.490 ng/ul	100
89) Benzo(k)fluoranthene	24.07	252	1271589	39.018 ng/ul	98
91) Benzo(a)pyrene	24.89	252	1188558	39.047 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.78	276	1474091	38.779 ng/ul	99
93) Dibenzo(a,h)anthracene	28.86	278	1218069	39.169 ng/ul	95
94) Benzo(g,h,i)perylene	29.96	276	1229044	38.253 ng/ul	100

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

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

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