Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029365.D
Acq On : 07 Apr 2021 10:51
Operator : CG/JU
Sample : SSTD02006
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02006

Quant Time: Apr 07 11:35:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 11:34:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	83235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	338695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	200711	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	380732	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	373298	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	377146	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	18758	10.15	ng/uL	0.00
5) Phenol-d5	6.86	99	143445	23.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	95538	27.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	112802	20.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	109563	22.64	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	49734	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	52561	19.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	106237	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	138223	24.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	292789	21.22	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	377428	20.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	49572	20.65	ng/ul	0.00
58) Fluorene-d10	15.32	176	244576	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	39504	17.40	ng/ul	0.00
71) Anthracene-d10	17.16	188	360628	20.84	ng/ul	0.00
79) Pyrene-d10	19.46	212	378476	20.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	397385	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	19037	10.218	ng/uL	100
4) Benzaldehyde	6.84	77	95792	32.043	ng/ul	100
6) Phenol	6.89	94	154480	24.744	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.12	93	120195	24.843	ng/ul	100
10) 2-Chlorophenol	7.26	128	118676	21.591	ng/ul	100
11) 2-Methylphenol	8.13	108	108906	23.113	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	178682	23.887	ng/ul	100
14) Acetophenone	8.51	105	182085	23.104	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.50	70	101208	29.022	ng/ul	100
16) 4-Methylphenol	8.46	108	119989	23.936	ng/ul	100
17) Hexachloroethane	8.76	117	52448	22.320	ng/ul	100
20) Nitrobenzene	8.89	77	151484	26.483	ng/ul	100
21) Isophorone	9.41	82	248425	25.725	ng/ul	100
23) 2-Nitrophenol	9.59	139	60276	19.677	ng/ul	100
24) 2,4-Dimethylphenol	9.66	107	135864	23.055	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.89	93	152401	24.124	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	106249	21.063	ng/ul	100
28) Naphthalene	10.52	128	371200	21.482	ng/ul	100
30) 4-Chloroaniline	10.63	127	143873	24.712	ng/ul	100
31) Hexachlorobutadiene	10.81	225	64573	19.631	ng/ul	100
32) Caprolactam	11.40	113	29140	21.594	ng/ul	100
33) 4-Chloro-3-methylphenol	11.76	107	113238	22.275	ng/ul	100
34) 2-Methylnaphthalene	12.14	142	255293	21.617	ng/ul	100

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35) 1-Methylnaphthalene	12.36	142	249379	21.936	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	115805	18.523	ng/ul	100
38) Hexachlorocyclopentadiene	12.49	237	71789	29.708	ng/ul	100
39) 2,4,6-Trichlorophenol	12.75	196	76279	19.308	ng/ul	100
40) 2,4,5-Trichlorophenol	12.82	196	82728	19.642	ng/ul	100
41) 1,1'-Biphenyl	13.16	154	324175	20.718	ng/ul	100
42) 2-Chloronaphthalene	13.20	162	249250	20.201	ng/ul	100
43) 2-Nitroaniline	13.40	65	77197	24.158	ng/ul	100
45) Dimethylphthalate	13.79	163	307085	21.337	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	56556	19.953	ng/ul	100
48) Acenaphthylene	14.05	152	367898	20.943	ng/ul	100
49) 3-Nitroaniline	14.23	138	59113	21.435	ng/ul	100
50) Acenaphthene	14.39	153	268514	21.118	ng/ul	100
51) 2,4-Dinitrophenol	14.44	184	28305	17.797	ng/ul	100
53) 4-Nitrophenol	14.54	109	53200	24.966	ng/ul	100
54) Dibenzofuran	14.73	168	367585	20.880	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	85185	20.700	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.95	232	64700	19.848	ng/ul	100
57) Diethylphthalate	15.16	149	316430	21.747	ng/ul	100
59) Fluorene	15.37	166	304591	21.100	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	143087	20.081	ng/ul	100
61) 4-Nitroaniline	15.39	138	63561	22.370	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.45	198	44006	19.103	ng/ul	100
65) N-Nitrosodiphenylamine	15.59	169	261205	22.332	ng/ul	100
66) 4-Bromophenyl-phenylether	16.27	248	78242	20.192	ng/ul	100
67) Hexachlorobenzene	16.37	284	87852	20.187	ng/ul	100
68) Atrazine	16.54	200	87408	21.239	ng/ul	100
69) Pentachlorophenol	16.72	266	46801	20.027	ng/ul	100
70) Phenanthrene	17.11	178	469986	22.520	ng/ul	100
72) Anthracene	17.20	178	482983	22.457	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	116826	19.556	ng/uL	100
74) Pentachlorobenzene	14.65	250	106738	19.399	ng/uL	100
75) Carbazole	17.47	167	426506	22.451	ng/ul	100
76) Di-n-butylphthalate	18.04	149	512689	22.450	ng/ul	100
77) Fluoranthene	19.12	202	510729	22.445	ng/ul	100
80) Pyrene	19.49	202	537893	21.996	ng/ul	100
81) Butylbenzylphthalate	20.39	149	221502	20.890	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.16	252	167267	22.218	ng/ul	100
83) Benzo(a)anthracene	21.23	228	505921	21.686	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	360130	22.736	ng/ul	100
85) Chrysene	21.28	228	496808	21.952	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	591885	20.676	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	509048	20.772	ng/ul	100
89) Benzo(k)fluoranthene	22.83	252	518951	22.692	ng/ul	100
91) Benzo(a)pyrene	23.36	252	460912	21.653	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.67	276	597946	22.221	ng/ul	100
93) Dibenzo(a,h)anthracene	25.69	278	502384	21.874	ng/ul	100
94) Benzo(g,h,i)perylene	26.35	276	490546	21.825	ng/ul	100

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

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