Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014937.D
Acq On : 03 May 2018 00:01
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Quant Time: May 03 04:31:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 04:26:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	399307	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1631202	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	803120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1586958	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1494552	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1560916	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	74199	8.11	ng/uL	0.00
5) Phenol-d5	7.62	99	669037	21.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	453353	22.90	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	555054	21.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	519404	21.10	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	247873	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	252541	21.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	476726	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	635562	26.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1252306	19.98	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1592880	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	221156	19.01	ng/ul	0.00
57) Fluorene-d10	16.07	176	1051963	19.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	160700	18.71	ng/ul	0.00
70) Anthracene-d10	17.91	188	1495791	20.23	ng/ul	0.00
76) Pyrene-d10	20.15	212	1482193	20.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1534383	20.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	80028	8.317	ng/uL#	81
4) Benzaldehyde	7.61	77	432870	26.658	ng/ul	92
6) Phenol	7.65	94	661366	21.776	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.89	93	532587	21.930	ng/ul	88
10) 2-Chlorophenol	8.05	128	539362	21.209	ng/ul	95
11) 2-Methylphenol	8.93	108	478035	21.413	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1062507	23.665	ng/ul#	96
14) Acetophenone	9.33	105	771631	21.391	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.30	70	409915	21.898	ng/ul#	82
16) 4-Methylphenol	9.26	108	505984	21.063	ng/ul	90
17) Hexachloroethane	9.60	117	222336	21.374	ng/ul#	66
20) Nitrobenzene	9.72	77	602826	21.397	ng/ul	95
21) Isophorone	10.25	82	1029076	21.359	ng/ul#	94
23) 2-Nitrophenol	10.43	139	270335	21.188	ng/ul#	79
24) 2,4-Dimethylphenol	10.47	107	558003	20.701	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	672021	20.748	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	452829	19.875	ng/ul#	87
28) Naphthalene	11.39	128	1597509	20.097	ng/ul	99
30) 4-Chloroaniline	11.49	127	599516	26.221	ng/ul	94
31) Hexachlorobutadiene	11.66	225	273673	18.667	ng/ul	95
32) Caprolactam	12.25	113	129152	19.674	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.57	107	469037	20.352	ng/ul	96
34) 2-Methylnaphthalene	12.96	142	1075082	19.476	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	13.32	216	489813	19.455 ng/ul#	97
37) Hexachlorocyclopentadiene	13.29	237	318402	18.357 ng/ul	100
38) 2,4,6-Trichlorophenol	13.55	196	321484	20.674 ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	336810	20.279 ng/ul	99
40) 1,1'-Biphenyl	13.94	154	1313565	20.339 ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	1021683	20.372 ng/ul	97
42) 2-Nitroaniline	14.19	65	307326	23.156 ng/ul	96
44) Dimethylphthalate	14.53	163	1204064	19.868 ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	233254	20.985 ng/ul#	91
47) Acenaphthylene	14.83	152	1543964	20.586 ng/ul	100
48) 3-Nitroaniline	14.99	138	246758	22.560 ng/ul	92
49) Acenaphthene	15.16	153	1068069	20.038 ng/ul	99
50) 2,4-Dinitrophenol	15.19	184	122635	19.871 ng/ul#	87
52) 4-Nitrophenol	15.27	109	170176	20.295 ng/ul#	84
53) Dibenzofuran	15.49	168	1460753	19.736 ng/ul	100
54) 2,4-Dinitrotoluene	15.44	165	329813	20.139 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.70	232	265801	18.860 ng/ul#	80
56) Diethylphthalate	15.87	149	1203521	19.728 ng/ul	94
58) Fluorene	16.13	166	1156561	19.352 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.11	204	556985	18.619 ng/ul	91
60) 4-Nitroaniline	16.14	138	252914	19.821 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.19	198	166618	18.673 ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	965028	20.969 ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	336121	20.054 ng/ul	91
66) Hexachlorobenzene	17.12	284	393379	20.201 ng/ul#	91
67) Atrazine	17.24	200	323768	22.031 ng/ul#	93
68) Pentachlorophenol	17.46	266	213070	19.239 ng/ul	99
69) Phenanthrene	17.86	178	1703866	19.992 ng/ul	99
71) Anthracene	17.94	178	1744986	20.175 ng/ul	99
72) Carbazole	18.20	167	1514122	20.520 ng/ul	99
73) Di-n-butylphthalate	18.72	149	1932828	21.542 ng/ul#	97
74) Fluoranthene	19.82	202	1807818	19.456 ng/ul#	81
77) Pyrene	20.18	202	1828613	20.941 ng/ul#	79
78) Butylbenzylphthalate	21.02	149	858725	24.104 ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.80	252	642542	22.534 ng/ul#	94
80) Benzo(a)anthracene	21.89	228	1760485	20.143 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1258287	24.063 ng/ul#	96
82) Chrysene	21.94	228	1638098	20.021 ng/ul	99
84) Di-n-octyl phthalate	22.72	149	2055743	22.898 ng/ul#	92
85) Benzo(b)fluoranthene	23.62	252	1782409	19.371 ng/ul#	95
86) Benzo(k)fluoranthene	23.67	252	1750001	19.778 ng/ul#	96
88) Benzo(a)pyrene	24.27	252	1707149	19.559 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.94	276	2116166	20.041 ng/ul#	87
90) Dibenzo(a,h)anthracene	26.95	278	1790460	20.139 ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1741172	20.044 ng/ul#	90

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

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