Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014831.D
Acq On : 25 Apr 2018 04:07
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02099

Quant Time: Apr 25 05:13:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	540409	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2329977	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1303510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2843698	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2864255	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2489495	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	93953	7.59	ng/uL	0.00
5) Phenol-d5	7.65	99	889504	21.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	587547	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	728006	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	723980	21.73	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	344791	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	357102	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	694636	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	917050	27.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2042490	20.07	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2519878	20.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	380716	20.16	ng/ul	0.00
57) Fluorene-d10	16.10	176	1742400	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	291933	18.97	ng/ul	0.00
70) Anthracene-d10	17.93	188	2606740	19.67	ng/ul	0.00
76) Pyrene-d10	20.17	212	2758144	20.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	2447332	20.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.70	88	101156	7.768	ng/uL#	77
4) Benzaldehyde	7.64	77	569316	25.906	ng/ul	89
6) Phenol	7.67	94	877397	21.346	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.92	93	702108	21.361	ng/ul	89
10) 2-Chlorophenol	8.07	128	713809	20.740	ng/ul	97
11) 2-Methylphenol	8.96	108	649822	21.508	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.05	45	1353698	22.279	ng/ul	97
14) Acetophenone	9.36	105	1071240	21.943	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.33	70	566952	22.379	ng/ul#	81
16) 4-Methylphenol	9.29	108	702068	21.594	ng/ul	94
17) Hexachloroethane	9.63	117	284422	20.204	ng/ul#	68
20) Nitrobenzene	9.75	77	821692	20.419	ng/ul	92
21) Isophorone	10.27	82	1471078	21.376	ng/ul#	93
23) 2-Nitrophenol	10.47	139	382096	20.966	ng/ul#	76
24) 2,4-Dimethylphenol	10.50	107	790154	20.522	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.75	93	941225	20.344	ng/ul	96
27) 2,4-Dichlorophenol	11.00	162	653312	20.075	ng/ul#	88
28) Naphthalene	11.42	128	2221228	19.563	ng/ul	100
30) 4-Chloroaniline	11.52	127	880445	26.959	ng/ul	95
31) Hexachlorobutadiene	11.69	225	400791	19.139	ng/ul	96
32) Caprolactam	12.28	113	205583	21.925	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.60	107	712040	21.630	ng/ul	94
34) 2-Methylnaphthalene	12.99	142	1575399	19.981	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.34	216	762497	18.660 ng/ul#	97
37) Hexachlorocyclopentadiene	13.32	237	468342	16.636 ng/ul	99
38) 2,4,6-Trichlorophenol	13.57	196	511831	20.279 ng/ul	97
39) 2,4,5-Trichlorophenol	13.64	196	543138	20.148 ng/ul	99
40) 1,1'-Biphenyl	13.97	154	2028001	19.347 ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	1564343	19.218 ng/ul	98
42) 2-Nitroaniline	14.21	65	480796	22.320 ng/ul	95
44) Dimethylphthalate	14.56	163	1966174	19.989 ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	395655	21.931 ng/ul	90
47) Acenaphthylene	14.86	152	2415512	19.843 ng/ul	99
48) 3-Nitroaniline	15.02	138	409973	23.093 ng/ul	87
49) Acenaphthene	15.19	153	1691885	19.557 ng/ul	100
50) 2,4-Dinitrophenol	15.22	184	173200	17.291 ng/ul#	84
52) 4-Nitrophenol	15.30	109	284265	20.887 ng/ul#	82
53) Dibenzofuran	15.52	168	2339330	19.473 ng/ul	100
54) 2,4-Dinitrotoluene	15.46	165	577122	21.712 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.73	232	467409	20.434 ng/ul#	86
56) Diethylphthalate	15.90	149	2006608	20.266 ng/ul	94
58) Fluorene	16.16	166	1901460	19.602 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.14	204	949298	19.552 ng/ul	94
60) 4-Nitroaniline	16.16	138	427827	20.658 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.22	198	301617	18.864 ng/ul	96
64) N-Nitrosodiphenylamine	16.34	169	1633403	19.807 ng/ul	100
65) 4-Bromophenyl-phenylether	17.02	248	589396	19.624 ng/ul	93
66) Hexachlorobenzene	17.14	284	687447	19.701 ng/ul#	92
67) Atrazine	17.27	200	578427	21.965 ng/ul	93
68) Pentachlorophenol	17.48	266	390635	19.684 ng/ul	98
69) Phenanthrene	17.88	178	2968681	19.439 ng/ul	99
71) Anthracene	17.97	178	3039542	19.611 ng/ul	99
72) Carbazole	18.23	167	2653970	20.073 ng/ul	99
73) Di-n-butylphthalate	18.74	149	3388107	21.073 ng/ul#	97
74) Fluoranthene	19.84	202	3349494	20.117 ng/ul#	83
77) Pyrene	20.20	202	3400149	20.317 ng/ul#	82
78) Butylbenzylphthalate	21.04	149	1523530	22.315 ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.83	252	1125052	20.588 ng/ul#	95
80) Benzo(a)anthracene	21.91	228	3342859	19.958 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	2219612	22.148 ng/ul#	96
82) Chrysene	21.96	228	3052129	19.465 ng/ul	99
84) Di-n-octyl phthalate	22.74	149	3612724	25.231 ng/ul#	93
85) Benzo(b)fluoranthene	23.65	252	3022438	20.595 ng/ul#	97
86) Benzo(k)fluoranthene	23.70	252	2958509	20.965 ng/ul#	96
88) Benzo(a)pyrene	24.30	252	2735351	19.649 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.99	276	2695511	16.006 ng/ul#	88
90) Dibenzo(a,h)anthracene	27.00	278	2301297	16.230 ng/ul#	93
91) Benzo(g,h,i)perylene	27.79	276	2044951	14.760 ng/ul#	90

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

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