Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011919.D
Acq On : 05 Oct 2017 08:32
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Oct 05 09:44:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 08:36:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	361338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1614140	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	978919	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2267132	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1882368	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1635248	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	53418	6.99	ng/uL	0.00
5) Phenol-d5	7.03	99	569630	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	345978	18.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	490791	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	491634	18.29	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	241314	20.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	279976	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	535119	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	637483	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1591159	18.75	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2006654	20.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	258218	17.42	ng/ul	0.00
57) Fluorene-d10	15.51	176	1394140	18.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	192417	12.61	ng/ul	0.00
70) Anthracene-d10	17.36	188	2161666	19.35	ng/ul	0.00
76) Pyrene-d10	19.65	212	2210842	26.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1507843	19.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	54255	6.989	ng/uL#	67
4) Benzaldehyde	7.02	77	326921	21.103	ng/ul	91
6) Phenol	7.06	94	560245	18.212	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.29	93	433389	18.762	ng/ul	96
10) 2-Chlorophenol	7.43	128	473558	19.432	ng/ul	98
11) 2-Methylphenol	8.32	108	429211	18.345	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.41	45	562360	19.037	ng/ul#	86
14) Acetophenone	8.70	105	713832	18.153	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.69	70	382605	19.013	ng/ul#	70
16) 4-Methylphenol	8.65	108	471792	18.015	ng/ul	93
17) Hexachloroethane	8.95	117	192969	19.735	ng/ul	82
20) Nitrobenzene	9.08	77	557427	20.073	ng/ul	95
21) Isophorone	9.61	82	1021046	19.717	ng/ul#	93
23) 2-Nitrophenol	9.79	139	281543	20.690	ng/ul#	75
24) 2,4-Dimethylphenol	9.85	107	557914	19.117	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.09	93	607608	19.108	ng/ul	97
27) 2,4-Dichlorophenol	10.33	162	505165	20.008	ng/ul#	92
28) Naphthalene	10.73	128	1562416	19.296	ng/ul	100
30) 4-Chloroaniline	10.84	127	610208	21.782	ng/ul	93
31) Hexachlorobutadiene	11.00	225	366207	19.769	ng/ul	94
32) Caprolactam	11.62	113	143543	17.341	ng/ul#	46
33) 4-Chloro-3-methylphenol	11.96	107	520925	18.981	ng/ul	95
34) 2-Methylnaphthalene	12.34	142	1175734	19.042	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	670937	20.204 ng/ul	98
37) Hexachlorocyclopentadiene	12.69	237	199819	10.338 ng/ul	97
38) 2,4,6-Trichlorophenol	12.95	196	436348	20.688 ng/ul	95
39) 2,4,5-Trichlorophenol	13.02	196	466634	21.020 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	1526506	19.504 ng/ul	99
41) 2-Chloronaphthalene	13.40	162	1210767	19.770 ng/ul	98
42) 2-Nitroaniline	13.60	65	330304	21.246 ng/ul	92
44) Dimethylphthalate	13.97	163	1520070	18.623 ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	314067	20.408 ng/ul	92
47) Acenaphthylene	14.24	152	1907525	19.732 ng/ul	99
48) 3-Nitroaniline	14.43	138	292330	20.449 ng/ul	90
49) Acenaphthene	14.59	153	1288091	19.256 ng/ul	99
50) 2,4-Dinitrophenol	14.64	184	107487	10.569 ng/ul	96
52) 4-Nitrophenol	14.73	109	202642	17.106 ng/ul#	78
53) Dibenzofuran	14.92	168	1838979	18.942 ng/ul	99
54) 2,4-Dinitrotoluene	14.89	165	446335	19.616 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.14	232	423607	19.540 ng/ul	91
56) Diethylphthalate	15.33	149	1550822	18.720 ng/ul	95
58) Fluorene	15.57	166	1516976	18.711 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	801408	18.690 ng/ul	98
60) 4-Nitroaniline	15.59	138	316887	19.029 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.65	198	192541	12.354 ng/ul	93
64) N-Nitrosodiphenylamine	15.77	169	1285022	19.621 ng/ul	100
65) 4-Bromophenyl-phenylether	16.45	248	499876	19.684 ng/ul	99
66) Hexachlorobenzene	16.57	284	549214	19.344 ng/ul#	91
67) Atrazine	16.72	200	493719	19.042 ng/ul	93
68) Pentachlorophenol	16.92	266	329691	18.459 ng/ul	99
69) Phenanthrene	17.30	178	2349220	18.838 ng/ul	99
71) Anthracene	17.40	178	2429370	19.145 ng/ul	99
72) Carbazole	17.67	167	2009393	18.281 ng/ul	99
73) Di-n-butylphthalate	18.22	149	2654860	20.157 ng/ul#	97
74) Fluoranthene	19.32	202	2676291	17.589 ng/ul#	91
77) Pyrene	19.68	202	2684590	25.721 ng/ul#	90
78) Butylbenzylphthalate	20.56	149	1179663	28.853 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.35	252	630520	17.993 ng/ul#	96
80) Benzo(a)anthracene	21.42	228	2212466	20.517 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1692570	27.827 ng/ul#	97
82) Chrysene	21.47	228	2029874	19.811 ng/ul	98
84) Di-n-octyl phthalate	22.23	149	2659769	27.841 ng/ul	98
85) Benzo(b)fluoranthene	23.06	252	1903048	19.146 ng/ul#	98
86) Benzo(k)fluoranthene	23.10	252	1908663	19.234 ng/ul#	97
88) Benzo(a)pyrene	23.66	252	1810657	18.958 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.15	276	2079074	20.342 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.16	278	1739693	20.716 ng/ul#	95
91) Benzo(g,h,i)perylene	26.89	276	1725285	20.407 ng/ul#	94

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

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