Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012475.D
Acq On : 26 Oct 2017 16:39
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Oct 26 17:43:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	618169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2549638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1501385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2999167	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2432766	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2680887	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	89971	7.43	ng/uL	0.00
5) Phenol-d5	7.05	99	939942	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	585634	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	752841	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	793400	17.98	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	357454	22.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	391173	23.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	830282	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	941760	20.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2352876	17.94	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2954215	19.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	333725	17.12	ng/ul	0.00
57) Fluorene-d10	15.50	176	1914736	17.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	258433	17.81	ng/ul	0.00
70) Anthracene-d10	17.34	188	2659122	18.60	ng/ul	0.00
76) Pyrene-d10	19.63	212	2355863	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2345172	18.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	97633	7.554	ng/uL#	64
4) Benzaldehyde	7.02	77	668236	23.798	ng/ul	95
6) Phenol	7.07	94	991970	18.449	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.30	93	740601	18.730	ng/ul	94
10) 2-Chlorophenol	7.45	128	770468	19.466	ng/ul	96
11) 2-Methylphenol	8.32	108	730982	18.031	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	857304	19.733	ng/ul#	83
14) Acetophenone	8.70	105	1230084	17.739	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.69	70	666144	17.602	ng/ul#	66
16) 4-Methylphenol	8.65	108	790127	17.807	ng/ul	92
17) Hexachloroethane	8.96	117	322378	19.220	ng/ul	86
20) Nitrobenzene	9.07	77	966983	21.022	ng/ul	97
21) Isophorone	9.60	82	1752035	17.998	ng/ul	95
23) 2-Nitrophenol	9.79	139	430035	23.526	ng/ul#	81
24) 2,4-Dimethylphenol	9.85	107	943645	18.350	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.08	93	1028054	18.792	ng/ul	95
27) 2,4-Dichlorophenol	10.32	162	803462	18.899	ng/ul#	91
28) Naphthalene	10.72	128	2390865	18.912	ng/ul	99
30) 4-Chloroaniline	10.83	127	952243	20.579	ng/ul	92
31) Hexachlorobutadiene	11.01	225	601955	18.456	ng/ul	94
32) Caprolactam	11.60	113	238033	17.288	ng/ul#	43
33) 4-Chloro-3-methylphenol	11.95	107	838005	17.545	ng/ul	98
34) 2-Methylnaphthalene	12.33	142	1820316	17.731	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	1075753	20.233	ng/ul	96
37) Hexachlorocyclopentadiene	12.68	237	435676	12.689	ng/ul	99
38) 2,4,6-Trichlorophenol	12.94	196	691087	21.707	ng/ul	97
39) 2,4,5-Trichlorophenol	13.01	196	707531	20.966	ng/ul	99
40) 1,1'-Biphenyl	13.34	154	2367436	19.765	ng/ul	98
41) 2-Chloronaphthalene	13.38	162	1862734	19.825	ng/ul	98
42) 2-Nitroaniline	13.58	65	538709	24.653	ng/ul	99
44) Dimethylphthalate	13.96	163	2350263	18.115	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	467066	22.654	ng/ul	94
47) Acenaphthylene	14.23	152	2838290	19.168	ng/ul	99
48) 3-Nitroaniline	14.41	138	431149	22.318	ng/ul	93
49) Acenaphthene	14.57	153	1888845	18.624	ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	170065	14.695	ng/ul	96
52) 4-Nitrophenol	14.72	109	327113	16.536	ng/ul	84
53) Dibenzofuran	14.90	168	2741041	18.263	ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	630911	20.432	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.13	232	593986	19.018	ng/ul	95
56) Diethylphthalate	15.33	149	2251732	17.025	ng/ul	96
58) Fluorene	15.55	166	2204163	17.364	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.55	204	1202139	17.405	ng/ul	97
60) 4-Nitroaniline	15.57	138	446780	18.448	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.63	198	285698	17.897	ng/ul#	89
64) N-Nitrosodiphenylamine	15.76	169	1889258	21.676	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	747250	20.798	ng/ul	97
66) Hexachlorobenzene	16.56	284	787618	19.818	ng/ul	93
67) Atrazine	16.71	200	716852	19.126	ng/ul	93
68) Pentachlorophenol	16.90	266	398607	18.339	ng/ul	97
69) Phenanthrene	17.29	178	3044939	18.774	ng/ul	99
71) Anthracene	17.38	178	3151074	18.797	ng/ul	99
72) Carbazole	17.64	167	2496431	17.978	ng/ul	99
73) Di-n-butylphthalate	18.22	149	3358404	18.966	ng/ul#	98
74) Fluoranthene	19.30	202	3045716	16.573	ng/ul#	93
77) Pyrene	19.66	202	3025574	21.870	ng/ul#	91
78) Butylbenzylphthalate	20.56	149	1215305	22.297	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.33	252	920467	17.241	ng/ul#	96
80) Benzo(a)anthracene	21.40	228	2782325	19.099	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1734782	20.920	ng/ul	98
82) Chrysene	21.46	228	2499310	19.296	ng/ul	100
84) Di-n-octyl phthalate	22.23	149	2789050	20.056	ng/ul	100
85) Benzo(b)fluoranthene	23.03	252	3021422	18.232	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	2849600	18.269	ng/ul#	98
88) Benzo(a)pyrene	23.63	252	2915936	18.454	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	3679010	19.784	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.08	278	3116891	19.770	ng/ul#	96
91) Benzo(g,h,i)perylene	26.79	276	3029323	20.100	ng/ul#	96

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

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