Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
Data File : BM013149.D
Acq On : 30 Nov 2017 09:38
Operator : SJ/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01004

Quant Time: Nov 30 11:46:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 30 11:45:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	137442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	598498	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	390429	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	988701	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1188926	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1156791	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	11616	3.92	ng/uL	0.00
5) Phenol-d5	6.88	99	108587	9.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	68092	10.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	87808	9.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	94349	9.67	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	45840	10.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	49775	12.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	103570	10.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	108833	10.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	345047	10.08	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	420602	9.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	55098	10.61	ng/ul	0.00
57) Fluorene-d10	15.34	176	300540	10.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	48355	11.28	ng/ul	0.00
70) Anthracene-d10	17.19	188	485355	9.59	ng/ul	0.00
76) Pyrene-d10	19.48	212	563444	9.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	565031	9.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	12419	3.810	ng/uL#	66
4) Benzaldehyde	6.86	77	78422	12.223	ng/ul	91
6) Phenol	6.90	94	109019	9.278	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.13	93	88083	9.956	ng/ul	98
10) 2-Chlorophenol	7.28	128	88476	9.395	ng/ul	94
11) 2-Methylphenol	8.15	108	84483	9.472	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.22	45	93042	9.270	ng/ul#	73
14) Acetophenone	8.52	105	150113	10.044	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.50	70	77484	10.108	ng/ul#	64
16) 4-Methylphenol	8.47	108	93276	9.848	ng/ul	93
17) Hexachloroethane	8.77	117	39024	9.784	ng/ul#	77
20) Nitrobenzene	8.90	77	120321	11.290	ng/ul	96
21) Isophorone	9.42	82	207955	9.522	ng/ul	96
23) 2-Nitrophenol	9.60	139	49877	11.296	ng/ul#	82
24) 2,4-Dimethylphenol	9.67	107	114978	9.899	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.90	93	123535	9.858	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	96329	10.065	ng/ul	89
28) Naphthalene	10.53	128	308854	10.015	ng/ul	98
30) 4-Chloroaniline	10.65	127	104013	10.074	ng/ul	92
31) Hexachlorobutadiene	10.82	225	69384	10.068	ng/ul	96
32) Caprolactam	11.41	113	27354	9.102	ng/ul#	45
33) 4-Chloro-3-methylphenol	11.78	107	105200	10.320	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	229682	10.180	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	141591	9.970 ng/ul	95
37) Hexachlorocyclopentadiene	12.50	237	77907	7.418 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	83831	9.795 ng/ul	93
39) 2,4,5-Trichlorophenol	12.84	196	88051	9.840 ng/ul	94
40) 1,1'-Biphenyl	13.17	154	328850	9.997 ng/ul	97
41) 2-Chloronaphthalene	13.21	162	263113	10.092 ng/ul	98
42) 2-Nitroaniline	13.42	65	71898	12.985 ng/ul	88
44) Dimethylphthalate	13.80	163	335935	10.258 ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	66744	13.357 ng/ul	96
47) Acenaphthylene	14.06	152	391584	9.741 ng/ul	97
48) 3-Nitroaniline	14.25	138	54734	11.695 ng/ul#	98
49) Acenaphthene	14.41	153	267651	9.908 ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	26856	11.227 ng/ul	91
52) 4-Nitrophenol	14.57	109	56739	12.054 ng/ul#	83
53) Dibenzofuran	14.75	168	399295	10.319 ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	95814	13.708 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.97	232	80992	10.808 ng/ul	90
56) Diethylphthalate	15.17	149	327619	9.895 ng/ul	97
58) Fluorene	15.39	166	327659	10.282 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	179487	10.661 ng/ul	94
60) 4-Nitroaniline	15.42	138	70892	11.518 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.47	198	50036	10.747 ng/ul#	97
64) N-Nitrosodiphenylamine	15.61	169	280787	9.046 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	112884	9.426 ng/ul	95
66) Hexachlorobenzene	16.39	284	129196	9.997 ng/ul#	87
67) Atrazine	16.56	200	109143	9.180 ng/ul	93
68) Pentachlorophenol	16.74	266	60598	9.091 ng/ul	94
69) Phenanthrene	17.13	178	551688	9.920 ng/ul	98
71) Anthracene	17.22	178	574205	9.951 ng/ul	99
72) Carbazole	17.49	167	473464	9.488 ng/ul	99
73) Di-n-butylphthalate	18.06	149	551394	8.675 ng/ul	99
74) Fluoranthene	19.15	202	670788	9.979 ng/ul	97
77) Pyrene	19.51	202	691921	9.346 ng/ul#	91
78) Butylbenzylphthalate	20.42	149	254865	8.285 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.20	252	214944	8.796 ng/ul#	98
80) Benzo(a)anthracene	21.26	228	740916	9.737 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	376054	8.295 ng/ul#	95
82) Chrysene	21.31	228	685356	9.713 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	639356	8.387 ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	760655	10.175 ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	689344	10.016 ng/ul#	99
88) Benzo(a)pyrene	23.40	252	685763	9.850 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.73	276	696145	8.560 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.75	278	590545	8.572 ng/ul#	96
91) Benzo(g,h,i)perylene	26.41	276	557237	8.247 ng/ul#	97

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

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