Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040918\
Data File : BM014683.D
Acq On : 09 Apr 2018 12:10
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02072

Quant Time: Apr 10 01:23:50 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 07 00:52:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	391332	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1700899	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	970454	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2174850	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	2312479	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	2115569	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	70481	8.67	ng/uL	0.00
5) Phenol-d5	7.69	99	651373	20.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	419974	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	529716	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	535753	21.01	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	244525	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	227033	23.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	518336	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	702303	24.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1587400	20.70	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	1997959	20.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	286390	23.01	ng/ul	0.00
57) Fluorene-d10	16.14	176	1389785	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	199678	21.51	ng/ul	0.00
70) Anthracene-d10	17.98	188	2139773	20.89	ng/ul	0.00
78) Pyrene-d10	20.22	212	2282526	19.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.32	264	2146660	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	73823	8.429	ng/uL	95
4) Benzaldehyde	7.69	77	409251	22.937	ng/ul	94
6) Phenol	7.72	94	639724	20.991	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.97	93	510167	21.180	ng/ul#	85
10) 2-Chlorophenol	8.12	128	524244	20.618	ng/ul#	90
11) 2-Methylphenol	9.00	108	480892	20.722	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.10	45	967318	21.665	ng/ul#	82
14) Acetophenone	9.40	105	803403	21.304	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.38	70	415217	20.578	ng/ul#	75
16) 4-Methylphenol	9.33	108	527002	21.129	ng/ul	98
17) Hexachloroethane	9.68	117	208927	20.276	ng/ul	97
20) Nitrobenzene	9.80	77	611875	21.935	ng/ul	94
21) Isophorone	10.32	82	1088720	19.988	ng/ul	98
23) 2-Nitrophenol	10.52	139	262808	22.948	ng/ul	90
24) 2,4-Dimethylphenol	10.55	107	599765	20.729	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.80	93	692247	20.656	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	489942	20.793	ng/ul	99
28) Naphthalene	11.47	128	1715617	20.690	ng/ul	100
30) 4-Chloroaniline	11.56	127	673441	24.815	ng/ul	99
31) Hexachlorobutadiene	11.75	225	312777	19.888	ng/ul	98
32) Caprolactam	12.30	113	144566	20.492	ng/ul#	45
33) 4-Chloro-3-methylphenol	12.64	107	530235	21.153	ng/ul	97
34) 2-Methylnaphthalene	13.04	142	1227140	20.745	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	615079	19.967	ng/ul	99
37) Hexachlorocyclopentadiene	13.37	237	397046	19.341	ng/ul	97
38) 2,4,6-Trichlorophenol	13.62	196	376890	20.599	ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	410547	21.420	ng/ul	99
40) 1,1'-Biphenyl	14.02	154	1600325	20.592	ng/ul	99
41) 2-Chloronaphthalene	14.07	162	1235947	20.522	ng/ul	96
42) 2-Nitroaniline	14.25	65	339333	24.180	ng/ul	83
44) Dimethylphthalate	14.61	163	1536448	20.796	ng/ul	100
45) 2,6-Dinitrotoluene	14.73	165	291702	24.446	ng/ul	96
47) Acenaphthylene	14.90	152	1919394	20.779	ng/ul	99
48) 3-Nitroaniline	15.06	138	302349	25.084	ng/ul	92
49) Acenaphthene	15.23	153	1337130	20.732	ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	120785	23.389	ng/ul#	11
52) 4-Nitrophenol	15.33	109	217767	23.021	ng/ul#	86
53) Dibenzofuran	15.56	168	1852999	20.937	ng/ul	98
54) 2,4-Dinitrotoluene	15.50	165	434532	25.226	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.77	232	351940	21.584	ng/ul	96
56) Diethylphthalate	15.94	149	1567801	21.211	ng/ul	99
58) Fluorene	16.20	166	1536863	21.318	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.19	204	765434	20.730	ng/ul	93
60) 4-Nitroaniline	16.20	138	319123	23.438	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.26	198	215660	21.520	ng/ul	100
64) N-Nitrosodiphenylamine	16.39	169	1306433	20.106	ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	467204	19.162	ng/ul	93
66) Hexachlorobenzene	17.19	284	545373	20.004	ng/ul	91
67) Atrazine	17.32	200	463337	20.473	ng/ul	97
68) Pentachlorophenol	17.52	266	283185	19.765	ng/ul	99
69) Phenanthrene	17.93	178	2418190	20.753	ng/ul	99
71) Anthracene	18.02	178	2486434	20.958	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	620640	18.613	ng/uL	99
73) Pentachlorobenzene	15.48	250	618382	19.251	ng/uL	99
74) Carbazole	18.27	167	2167267	22.066	ng/ul	98
75) Di-n-butylphthalate	18.79	149	2614802	21.445	ng/ul	100
76) Fluoranthene	19.89	202	2763451	22.931	ng/ul	99
79) Pyrene	20.24	202	2840565	19.661	ng/ul	98
80) Butylbenzylphthalate	21.08	149	1103218	21.817	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.87	252	940255	22.465	ng/ul	100
82) Benzo(a)anthracene	21.95	228	2796136	20.621	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.84	149	1590456	21.091	ng/ul	98
84) Chrysene	22.01	228	2600412	20.535	ng/ul	100
86) Di-n-octyl phthalate	22.80	149	2481538	20.000	ng/ul#	90
87) Benzo(b)fluoranthene	23.71	252	2696367	21.245	ng/ul	100
88) Benzo(k)fluoranthene	23.76	252	2502020	20.485	ng/ul	99
90) Benzo(a)pyrene	24.37	252	2453442	20.654	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2562834	19.237	ng/ul	97
92) Dibenzo(a,h)anthracene	27.10	278	2160391	19.339	ng/ul	99
93) Benzo(g,h,i)perylene	27.90	276	2056063	18.983	ng/ul	97

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

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