Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014713.D
Acq On : 17 Apr 2018 09:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02079

Quant Time: Apr 17 13:52:39 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 14 01:12:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	402096	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1755543	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	990531	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2165992	20.00	ng/ul	0.00
77) Chrysene-d12	21.96	240	2115121	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	1870447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	66977	8.02	ng/uL	0.00
5) Phenol-d5	7.69	99	621823	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	404729	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	511763	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.26	113	513963	19.62	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	241985	21.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	236440	23.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	495364	19.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.53	131	669424	22.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1477122	18.87	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	1870794	18.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	261507	20.59	ng/ul	0.00
57) Fluorene-d10	16.14	176	1300634	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	195767	21.17	ng/ul	0.00
70) Anthracene-d10	17.97	188	1943089	19.04	ng/ul	0.00
78) Pyrene-d10	20.21	212	2044493	19.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	1779575	19.38	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	70723	7.859	ng/uL	96
4) Benzaldehyde	7.68	77	394551	21.521	ng/ul	94
6) Phenol	7.72	94	618071	19.737	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.96	93	492814	19.911	ng/ul#	86
10) 2-Chlorophenol	8.12	128	506481	19.386	ng/ul#	91
11) 2-Methylphenol	9.00	108	460888	19.328	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.09	45	930725	20.287	ng/ul#	81
14) Acetophenone	9.40	105	769636	19.862	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.37	70	394938	19.049	ng/ul#	75
16) 4-Methylphenol	9.33	108	501202	19.557	ng/ul	99
17) Hexachloroethane	9.67	117	201066	18.990	ng/ul	95
20) Nitrobenzene	9.79	77	588576	20.443	ng/ul	93
21) Isophorone	10.32	82	1041378	18.524	ng/ul	99
23) 2-Nitrophenol	10.51	139	261454	22.119	ng/ul#	89
24) 2,4-Dimethylphenol	10.55	107	564639	18.907	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.79	93	672106	19.431	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	469289	19.296	ng/ul	98
28) Naphthalene	11.47	128	1628861	19.032	ng/ul	100
30) 4-Chloroaniline	11.56	127	643804	22.984	ng/ul	98
31) Hexachlorobutadiene	11.74	225	299688	18.463	ng/ul	98
32) Caprolactam	12.31	113	140348	19.275	ng/ul#	51
33) 4-Chloro-3-methylphenol	12.64	107	501880	19.399	ng/ul	95
34) 2-Methylnaphthalene	13.03	142	1173965	19.228	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	586095	18.640 ng/ul	98
37) Hexachlorocyclopentadiene	13.36	237	376088	17.949 ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	367467	19.677 ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	388704	19.869 ng/ul	99
40) 1,1'-Biphenyl	14.01	154	1507733	19.007 ng/ul	98
41) 2-Chloronaphthalene	14.06	162	1165119	18.953 ng/ul	95
42) 2-Nitroaniline	14.25	65	321556	22.449 ng/ul	85
44) Dimethylphthalate	14.60	163	1432168	18.992 ng/ul	100
45) 2,6-Dinitrotoluene	14.73	165	277388	22.775 ng/ul	96
47) Acenaphthylene	14.90	152	1802010	19.112 ng/ul	99
48) 3-Nitroaniline	15.06	138	287597	23.376 ng/ul	97
49) Acenaphthene	15.23	153	1258268	19.114 ng/ul	99
50) 2,4-Dinitrophenol	15.25	184	122889	23.314 ng/ul#	10
52) 4-Nitrophenol	15.33	109	194813	20.177 ng/ul#	82
53) Dibenzofuran	15.56	168	1743770	19.304 ng/ul	96
54) 2,4-Dinitrotoluene	15.50	165	405617	23.070 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.77	232	338654	20.348 ng/ul	97
56) Diethylphthalate	15.94	149	1442084	19.114 ng/ul	99
58) Fluorene	16.20	166	1414234	19.219 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.18	204	710204	18.844 ng/ul	92
60) 4-Nitroaniline	16.20	138	288297	20.745 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.25	198	207765	20.817 ng/ul	99
64) N-Nitrosodiphenylamine	16.39	169	1205761	18.633 ng/ul	100
65) 4-Bromophenyl-phenylether	17.06	248	434524	17.894 ng/ul	91
66) Hexachlorobenzene	17.19	284	499638	18.402 ng/ul	91
67) Atrazine	17.31	200	417509	18.524 ng/ul	97
68) Pentachlorophenol	17.52	266	270872	18.983 ng/ul	99
69) Phenanthrene	17.92	178	2205363	19.004 ng/ul	99
71) Anthracene	18.01	178	2249929	19.042 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.98	216	589805	17.761 ng/uL	99
73) Pentachlorobenzene	15.47	250	581454	18.176 ng/uL	99
74) Carbazole	18.27	167	1946162	19.896 ng/ul	98
75) Di-n-butylphthalate	18.79	149	2358286	19.421 ng/ul	100
76) Fluoranthene	19.88	202	2470085	20.580 ng/ul	98
79) Pyrene	20.24	202	2518050	19.055 ng/ul	99
80) Butylbenzylphthalate	21.07	149	989392	21.391 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.86	252	812431	21.222 ng/ul	98
82) Benzo(a)anthracene	21.94	228	2377077	19.166 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1392667	20.191 ng/ul	99
84) Chrysene	22.00	228	2224792	19.208 ng/ul	100
86) Di-n-octyl phthalate	22.79	149	2149668	19.596 ng/ul#	88
87) Benzo(b)fluoranthene	23.70	252	2146091	19.125 ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	2150018	19.910 ng/ul	99
90) Benzo(a)pyrene	24.36	252	2019777	19.231 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.08	276	2149437	18.249 ng/ul	97
92) Dibenzo(a,h)anthracene	27.09	278	1791520	18.138 ng/ul	98
93) Benzo(g,h,i)perylene	27.89	276	1731177	18.078 ng/ul	97

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

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