Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062118\
Data File : BM015734.D
Acq On : 21 Jun 2018 14:51
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Jun 22 01:27:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 22 01:26:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	89225	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	399744	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	227672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	520571	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	589010	20.00	ng/ul	0.00
85) Perylene-d12	24.19	264	560117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	16324	8.89	ng/uL	0.00
5) Phenol-d5	7.46	99	141101	17.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	90687	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	123573	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	117535	16.84	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	54347	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	59388	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	119732	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	154666	23.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	366072	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	417089	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	58012	15.94	ng/ul	0.00
57) Fluorene-d10	15.92	176	310804	19.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	52070	16.60	ng/ul	0.00
70) Anthracene-d10	17.76	188	485280	20.45	ng/ul	0.00
78) Pyrene-d10	20.02	212	539157	21.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	570406	20.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17092	9.047	ng/uL	91
4) Benzaldehyde	7.45	77	94420	22.239	ng/ul	88
6) Phenol	7.49	94	146940	17.463	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.73	93	114659	18.379	ng/ul	90
10) 2-Chlorophenol	7.87	128	126174	19.769	ng/ul#	90
11) 2-Methylphenol	8.76	108	109958	17.068	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.85	45	181922	17.427	ng/ul#	88
14) Acetophenone	9.16	105	192716	17.651	ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.13	70	98436	17.040	ng/ul#	73
16) 4-Methylphenol	9.10	108	118692	16.526	ng/ul	96
17) Hexachloroethane	9.40	117	54944	21.840	ng/ul	94
20) Nitrobenzene	9.55	77	154917	21.338	ng/ul	92
21) Isophorone	10.07	82	256807	18.501	ng/ul	99
23) 2-Nitrophenol	10.26	139	68760	20.627	ng/ul#	78
24) 2,4-Dimethylphenol	10.30	107	149313	20.245	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.55	93	154798	18.654	ng/ul	100
27) 2,4-Dichlorophenol	10.80	162	120887	20.223	ng/ul	99
28) Naphthalene	11.20	128	404265	20.205	ng/ul	98
30) 4-Chloroaniline	11.32	127	160299	23.167	ng/ul	99
31) Hexachlorobutadiene	11.46	225	83318	22.723	ng/ul	98
32) Caprolactam	12.09	113	33279	14.573	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.41	107	130963	18.402	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	290867	18.956	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	145060	22.075 ng/ul	98
37) Hexachlorocyclopentadiene	13.11	237	61404	23.097 ng/ul	98
38) 2,4,6-Trichlorophenol	13.39	196	92600	21.505 ng/ul	98
39) 2,4,5-Trichlorophenol	13.46	196	100385	21.144 ng/ul	99
40) 1,1'-Biphenyl	13.78	154	370973	20.876 ng/ul	99
41) 2-Chloronaphthalene	13.83	162	292325	21.267 ng/ul	99
42) 2-Nitroaniline	14.04	65	89368	20.980 ng/ul#	76
44) Dimethylphthalate	14.39	163	374498	19.457 ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	70080	19.633 ng/ul#	76
47) Acenaphthylene	14.67	152	440257	20.746 ng/ul	99
48) 3-Nitroaniline	14.86	138	70080	19.310 ng/ul	94
49) Acenaphthene	15.00	153	317393	20.265 ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	53309	24.965 ng/ul#	1
52) 4-Nitrophenol	15.15	109	63270	19.603 ng/ul#	81
53) Dibenzofuran	15.33	168	441881	20.053 ng/ul	94
54) 2,4-Dinitrotoluene	15.31	165	107153	19.331 ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.56	232	82210	19.146 ng/ul#	92
56) Diethylphthalate	15.73	149	393877	19.470 ng/ul	97
58) Fluorene	15.98	166	361150	19.598 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.96	204	182872	19.935 ng/ul	98
60) 4-Nitroaniline	16.01	138	64908	14.739 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.07	198	57027	17.019 ng/ul#	87
64) N-Nitrosodiphenylamine	16.17	169	308914	20.597 ng/ul	98
65) 4-Bromophenyl-phenylether	16.85	248	109287	20.655 ng/ul	97
66) Hexachlorobenzene	16.97	284	123789	20.017 ng/ul	99
67) Atrazine	17.11	200	115626	20.898 ng/ul	99
68) Pentachlorophenol	17.32	266	58099	16.331 ng/ul	97
69) Phenanthrene	17.70	178	570551	19.970 ng/ul	100
71) Anthracene	17.80	178	585078	20.106 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	145481	23.172 ng/uL	99
73) Pentachlorobenzene	15.25	250	144601	21.915 ng/uL	99
74) Carbazole	18.06	167	514887	19.142 ng/ul	99
75) Di-n-butylphthalate	18.59	149	662661	20.471 ng/ul#	98
76) Fluoranthene	19.69	202	669936	19.124 ng/ul	97
79) Pyrene	20.04	202	695311	21.043 ng/ul	96
80) Butylbenzylphthalate	20.89	149	319080	21.621 ng/ul	89
81) 3,3'-Dichlorobenzidine	21.68	252	225842	18.784 ng/ul	98
82) Benzo(a)anthracene	21.76	228	724770	20.294 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.64	149	467293	21.539 ng/ul	96
84) Chrysene	21.81	228	676687	20.194 ng/ul	99
86) Di-n-octyl phthalate	22.56	149	808932	22.949 ng/ul#	87
87) Benzo(b)fluoranthene	23.45	252	699597	21.015 ng/ul	98
88) Benzo(k)fluoranthene	23.50	252	669967	21.327 ng/ul	98
90) Benzo(a)pyrene	24.08	252	644896	20.274 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.67	276	679339	17.049 ng/ul	96
92) Dibenzo(a,h)anthracene	26.67	278	571998	17.012 ng/ul	98
93) Benzo(g,h,i)perylene	27.43	276	543630	16.551 ng/ul	97

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

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