Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013817.D
Acq On : 25 Jan 2018 21:59
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Quant Time: Jan 26 00:26:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 00:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	138147	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	499348	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	290203	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	662148	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	700572	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	665603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	22005	6.30	ng/uL	0.00
5) Phenol-d5	6.78	99	196891	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	113499	17.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	170985	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	148320	18.19	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	82863	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	89757	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	166004	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	173171	25.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	481463	20.13	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	607575	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	67433	17.35	ng/ul	-0.01
57) Fluorene-d10	15.24	176	416622	19.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	78377	19.67	ng/ul	0.00
70) Anthracene-d10	17.10	188	634234	19.67	ng/ul	0.00
76) Pyrene-d10	19.40	212	714209	21.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	628400	20.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	21660	5.657	ng/uL#	73
4) Benzaldehyde	6.75	77	139573	19.017	ng/ul	90
6) Phenol	6.80	94	192457	18.093	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.03	93	154635	18.578	ng/ul	98
10) 2-Chlorophenol	7.16	128	165882	19.260	ng/ul	92
11) 2-Methylphenol	8.04	108	147264	18.781	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.13	45	142792	16.860	ng/ul#	73
14) Acetophenone	8.42	105	234940	17.414	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.40	70	116940	17.766	ng/ul#	74
16) 4-Methylphenol	8.37	108	152876	18.234	ng/ul	98
17) Hexachloroethane	8.65	117	77007	18.368	ng/ul	90
20) Nitrobenzene	8.79	77	194587	19.440	ng/ul	97
21) Isophorone	9.32	82	310051	19.171	ng/ul#	94
23) 2-Nitrophenol	9.50	139	89474	20.969	ng/ul#	85
24) 2,4-Dimethylphenol	9.56	107	182138	20.247	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.80	93	187909	19.059	ng/ul	95
27) 2,4-Dichlorophenol	10.03	162	159589	20.937	ng/ul	93
28) Naphthalene	10.42	128	499346	20.100	ng/ul	99
30) 4-Chloroaniline	10.55	127	169662	24.934	ng/ul	91
31) Hexachlorobutadiene	10.69	225	131560	21.026	ng/ul	95
32) Caprolactam	11.34	113	42140	19.873	ng/ul#	31
33) 4-Chloro-3-methylphenol	11.68	107	149474	19.344	ng/ul	95
34) 2-Methylnaphthalene	12.04	142	364703	19.691	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	215952	20.083 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	76460	17.127 ng/ul	93
38) 2,4,6-Trichlorophenol	12.66	196	131757	21.168 ng/ul	96
39) 2,4,5-Trichlorophenol	12.75	196	136297	21.044 ng/ul	97
40) 1,1'-Biphenyl	13.07	154	471198	19.506 ng/ul	98
41) 2-Chloronaphthalene	13.11	162	382786	20.271 ng/ul	96
42) 2-Nitroaniline	13.33	65	105155	20.187 ng/ul	91
44) Dimethylphthalate	13.71	163	468853	19.937 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	97778	21.456 ng/ul	97
47) Acenaphthylene	13.96	152	546210	19.573 ng/ul	100
48) 3-Nitroaniline	14.17	138	83183	23.210 ng/ul	90
49) Acenaphthene	14.31	153	380801	19.703 ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	43168	16.525 ng/ul	91
52) 4-Nitrophenol	14.50	109	72009	18.237 ng/ul#	76
53) Dibenzofuran	14.64	168	568139	19.540 ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	137218	20.656 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	127231	20.885 ng/ul#	95
56) Diethylphthalate	15.08	149	461420	19.497 ng/ul	94
58) Fluorene	15.30	166	465865	19.560 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	251767	19.563 ng/ul	97
60) 4-Nitroaniline	15.34	138	81341	19.397 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.40	198	84609	20.112 ng/ul	92
64) N-Nitrosodiphenylamine	15.52	169	391385	20.097 ng/ul	100
65) 4-Bromophenyl-phenylether	16.19	248	159495	20.394 ng/ul	97
66) Hexachlorobenzene	16.30	284	175079	20.798 ng/ul	95
67) Atrazine	16.47	200	158974	20.453 ng/ul	95
68) Pentachlorophenol	16.66	266	92074	20.583 ng/ul	94
69) Phenanthrene	17.04	178	733847	19.938 ng/ul	97
71) Anthracene	17.13	178	744613	19.614 ng/ul	99
72) Carbazole	17.41	167	621831	19.843 ng/ul	99
73) Di-n-butylphthalate	17.97	149	751708	20.396 ng/ul	98
74) Fluoranthene	19.06	202	875918	19.937 ng/ul#	96
77) Pyrene	19.43	202	914113	21.463 ng/ul#	94
78) Butylbenzylphthalate	20.34	149	336488	22.429 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.12	252	268012	23.125 ng/ul#	95
80) Benzo(a)anthracene	21.18	228	876223	20.699 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.12	149	482425	21.432 ng/ul#	99
82) Chrysene	21.23	228	781213	20.116 ng/ul	99
84) Di-n-octyl phthalate	21.99	149	792213	19.750 ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	845287	20.679 ng/ul#	97
86) Benzo(k)fluoranthene	22.78	252	797074	20.174 ng/ul#	98
88) Benzo(a)pyrene	23.30	252	776998	20.122 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.58	276	916491	20.106 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.59	278	778482	20.224 ng/ul	98
91) Benzo(g,h,i)perylene	26.24	276	781223	20.824 ng/ul#	96

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

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