Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013936.D
Acq On : 28 Jan 2018 23:26
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Quant Time: Jan 29 02:39:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	112570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	445763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	278061	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	635406	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	702743	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	693334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	19266	6.76	ng/uL	0.00
5) Phenol-d5	6.76	99	149637	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	95649	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	131246	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	121551	18.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	62974	18.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	73620	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	135525	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	147138	24.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	442009	19.29	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	550942	18.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	52860	14.19	ng/ul	0.00
57) Fluorene-d10	15.23	176	379208	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	67178	17.56	ng/ul	0.00
70) Anthracene-d10	17.08	188	612027	19.78	ng/ul	0.00
76) Pyrene-d10	19.39	212	674156	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	640834	20.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	22120	7.090	ng/uL#	67
4) Benzaldehyde	6.73	77	123881	20.714	ng/ul	90
6) Phenol	6.79	94	154081	17.776	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.02	93	119686	17.646	ng/ul	93
10) 2-Chlorophenol	7.15	128	131327	18.712	ng/ul	93
11) 2-Methylphenol	8.03	108	115349	18.053	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.11	45	113540	16.452	ng/ul#	74
14) Acetophenone	8.40	105	205140	18.660	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.38	70	106517	19.860	ng/ul#	65
16) 4-Methylphenol	8.35	108	124565	18.233	ng/ul	97
17) Hexachloroethane	8.63	117	64912	19.001	ng/ul	88
20) Nitrobenzene	8.77	77	171504	19.194	ng/ul	97
21) Isophorone	9.30	82	267476	18.527	ng/ul	96
23) 2-Nitrophenol	9.48	139	72690	19.084	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	155015	19.303	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.78	93	161664	18.368	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	127984	18.809	ng/ul#	81
28) Naphthalene	10.40	128	431716	19.467	ng/ul	98
30) 4-Chloroaniline	10.53	127	142568	23.471	ng/ul	93
31) Hexachlorobutadiene	10.67	225	122317	21.899	ng/ul#	92
32) Caprolactam	11.31	113	32261	17.043	ng/ul#	26
33) 4-Chloro-3-methylphenol	11.66	107	133702	19.383	ng/ul#	90
34) 2-Methylnaphthalene	12.02	142	333583	20.175	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	208769	20.263 ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	62010	14.497 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.65	196	121100	20.306 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	115363	18.590 ng/ul	97
40) 1,1'-Biphenyl	13.06	154	439813	19.002 ng/ul	97
41) 2-Chloronaphthalene	13.09	162	349011	19.290 ng/ul	98
42) 2-Nitroaniline	13.32	65	93626	18.759 ng/ul	94
44) Dimethylphthalate	13.70	163	421636	18.712 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	83849	19.203 ng/ul#	89
47) Acenaphthylene	13.94	152	501919	18.771 ng/ul	98
48) 3-Nitroaniline	14.16	138	66974	19.503 ng/ul	94
49) Acenaphthene	14.29	153	352472	19.033 ng/ul	96
50) 2,4-Dinitrophenol	14.38	184	57017	22.779 ng/ul	95
52) 4-Nitrophenol	14.48	109	66907	17.684 ng/ul#	68
53) Dibenzofuran	14.63	168	527172	18.923 ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	121934	19.157 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.87	232	115603	19.805 ng/ul#	93
56) Diethylphthalate	15.07	149	435377	19.200 ng/ul	95
58) Fluorene	15.29	166	439534	19.260 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	247472	20.069 ng/ul	99
60) 4-Nitroaniline	15.33	138	66852	16.638 ng/ul	83
63) 4,6-Dinitro-2-methylphenol	15.39	198	66657	16.511 ng/ul	99
64) N-Nitrosodiphenylamine	15.50	169	369666	19.781 ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	154998	20.653 ng/ul	93
66) Hexachlorobenzene	16.29	284	164351	20.345 ng/ul#	87
67) Atrazine	16.46	200	148212	19.871 ng/ul	92
68) Pentachlorophenol	16.64	266	69581	16.209 ng/ul	96
69) Phenanthrene	17.03	178	689037	19.509 ng/ul	99
71) Anthracene	17.12	178	708750	19.455 ng/ul	97
72) Carbazole	17.40	167	570367	18.967 ng/ul	99
73) Di-n-butylphthalate	17.96	149	690215	19.516 ng/ul	99
74) Fluoranthene	19.05	202	816511	19.367 ng/ul#	96
77) Pyrene	19.42	202	866424	20.281 ng/ul#	96
78) Butylbenzylphthalate	20.33	149	300049	19.938 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.12	252	253910	21.841 ng/ul	92
80) Benzo(a)anthracene	21.17	228	842686	19.845 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.11	149	441696	19.562 ng/ul	98
82) Chrysene	21.22	228	756932	19.431 ng/ul	99
84) Di-n-octyl phthalate	21.97	149	728819	17.443 ng/ul	98
85) Benzo(b)fluoranthene	22.72	252	869277	20.415 ng/ul#	98
86) Benzo(k)fluoranthene	22.76	252	793412	19.278 ng/ul#	99
88) Benzo(a)pyrene	23.28	252	793645	19.731 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	916840	19.309 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.56	278	780670	19.470 ng/ul#	99
91) Benzo(g,h,i)perylene	26.22	276	762626	19.515 ng/ul	98

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

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