Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013802.D
Acq On : 25 Jan 2018 12:56
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Jan 25 16:54:27 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	137661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	504136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	285888	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	637227	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	590345	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	594390	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	19588	5.62	ng/uL	0.00
5) Phenol-d5	6.79	99	200069	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	114894	17.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	171114	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	156285	19.24	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	76794	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	90866	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	168802	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	181469	26.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	486962	20.67	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	605455	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	70244	18.34	ng/ul	0.02
57) Fluorene-d10	15.24	176	404498	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	77760	20.27	ng/ul	0.00
70) Anthracene-d10	17.10	188	623639	20.09	ng/ul	0.00
76) Pyrene-d10	19.40	212	641965	23.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	519858	19.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	20511	5.376	ng/uL#	66
4) Benzaldehyde	6.76	77	141062	19.288	ng/ul#	89
6) Phenol	6.82	94	198041	18.683	ng/ul	87
8) Bis(2-Chloroethyl)ether	7.03	93	152040	18.330	ng/ul	95
10) 2-Chlorophenol	7.16	128	167208	19.482	ng/ul	94
11) 2-Methylphenol	8.05	108	149762	19.167	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	155075	18.375	ng/ul#	73
14) Acetophenone	8.42	105	241380	17.954	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.40	70	119619	18.238	ng/ul#	69
16) 4-Methylphenol	8.37	108	158355	18.954	ng/ul	94
17) Hexachloroethane	8.65	117	75820	18.149	ng/ul	85
20) Nitrobenzene	8.79	77	188259	18.629	ng/ul	96
21) Isophorone	9.32	82	325193	19.917	ng/ul	96
23) 2-Nitrophenol	9.50	139	97812	22.706	ng/ul#	76
24) 2,4-Dimethylphenol	9.57	107	185859	20.464	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.80	93	192467	19.336	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	157354	20.447	ng/ul#	89
28) Naphthalene	10.42	128	509105	20.299	ng/ul	99
30) 4-Chloroaniline	10.55	127	174988	25.472	ng/ul	97
31) Hexachlorobutadiene	10.70	225	127259	20.146	ng/ul	92
32) Caprolactam	11.36	113	44197	20.645	ng/ul#	30
33) 4-Chloro-3-methylphenol	11.69	107	161586	20.713	ng/ul	95
34) 2-Methylnaphthalene	12.04	142	371434	19.864	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	220678	20.832 ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	81557	18.545 ng/ul	92
38) 2,4,6-Trichlorophenol	12.67	196	141286	23.042 ng/ul	95
39) 2,4,5-Trichlorophenol	12.75	196	138850	21.762 ng/ul	97
40) 1,1'-Biphenyl	13.07	154	479930	20.168 ng/ul	97
41) 2-Chloronaphthalene	13.11	162	383257	20.602 ng/ul	100
42) 2-Nitroaniline	13.34	65	105193	20.499 ng/ul	90
44) Dimethylphthalate	13.72	163	473297	20.430 ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	95304	21.229 ng/ul#	97
47) Acenaphthylene	13.97	152	560914	20.403 ng/ul	97
48) 3-Nitroaniline	14.17	138	84413	23.908 ng/ul#	78
49) Acenaphthene	14.31	153	385572	20.251 ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	44727	17.380 ng/ul	96
52) 4-Nitrophenol	14.50	109	73702	18.947 ng/ul#	72
53) Dibenzofuran	14.65	168	557232	19.454 ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	136464	20.852 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	14.89	232	126418	21.065 ng/ul#	96
56) Diethylphthalate	15.09	149	478284	20.515 ng/ul	97
58) Fluorene	15.30	166	458280	19.532 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	246250	19.423 ng/ul	96
60) 4-Nitroaniline	15.34	138	82496	19.970 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.40	198	81590	20.153 ng/ul	91
64) N-Nitrosodiphenylamine	15.52	169	395342	21.094 ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	154046	20.468 ng/ul	98
66) Hexachlorobenzene	16.30	284	166576	20.561 ng/ul#	90
67) Atrazine	16.49	200	162976	21.788 ng/ul	95
68) Pentachlorophenol	16.66	266	87807	20.396 ng/ul	96
69) Phenanthrene	17.04	178	706833	19.955 ng/ul	98
71) Anthracene	17.13	178	722663	19.780 ng/ul	98
72) Carbazole	17.42	167	594573	19.715 ng/ul	99
73) Di-n-butylphthalate	17.98	149	749290	21.125 ng/ul	97
74) Fluoranthene	19.07	202	809523	19.146 ng/ul#	95
77) Pyrene	19.43	202	813740	22.674 ng/ul#	94
78) Butylbenzylphthalate	20.34	149	319045	25.237 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.13	252	229812	23.532 ng/ul	96
80) Benzo(a)anthracene	21.19	228	725097	20.327 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	442593	23.334 ng/ul#	96
82) Chrysene	21.24	228	642891	19.646 ng/ul	98
84) Di-n-octyl phthalate	21.99	149	702958	19.624 ng/ul	97
85) Benzo(b)fluoranthene	22.74	252	690047	18.904 ng/ul#	99
86) Benzo(k)fluoranthene	22.79	252	669526	18.976 ng/ul#	99
88) Benzo(a)pyrene	23.30	252	658359	19.092 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.59	276	788976	19.382 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.60	278	670160	19.496 ng/ul#	99
91) Benzo(g,h,i)perylene	26.26	276	668672	19.959 ng/ul	96

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

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