Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014052.D
Acq On : 01 Feb 2018 01:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
Sohil
2/1/2018 6:05:09 PM

Quant Time: Feb 01 03:19:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 01 01:00:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	94196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	386962	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	267416	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	642962	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	713626	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	672682	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	14452m	7.04	ng/uL	0.00
5) Phenol-d5	6.75	99	125555	17.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	80694	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	109589	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	111459	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	56050	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	60558	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	127133	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	98926	17.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	428051	19.29	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	528614	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	52191	17.07	ng/ul	0.00
57) Fluorene-d10	15.22	176	381961	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	72626	18.39	ng/ul	0.00
70) Anthracene-d10	17.07	188	605740	19.40	ng/ul	0.00
76) Pyrene-d10	19.37	212	681876	19.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	652618	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15171	6.730	ng/uL#	67
4) Benzaldehyde	6.72	77	60767m	17.895	ng/ul	
6) Phenol	6.77	94	132967	18.773	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	102355	18.588	ng/ul	97
10) 2-Chlorophenol	7.13	128	107447	18.993	ng/ul	97
11) 2-Methylphenol	8.01	108	101356	18.582	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.09	45	106282	19.216	ng/ul#	88
14) Acetophenone	8.39	105	181219	18.108	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.37	70	99425	19.424	ng/ul#	76
16) 4-Methylphenol	8.34	108	108965	18.696	ng/ul	90
17) Hexachloroethane	8.62	117	54334	18.414	ng/ul	97
20) Nitrobenzene	8.76	77	149996	19.108	ng/ul	98
21) Isophorone	9.28	82	261204	19.766	ng/ul	97
23) 2-Nitrophenol	9.46	139	65489	20.605	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	142695	19.909	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.76	93	143142	19.665	ng/ul#	90
27) 2,4-Dichlorophenol	10.00	162	119072	19.704	ng/ul	97
28) Naphthalene	10.38	128	382183	19.618	ng/ul	97
30) 4-Chloroaniline	10.52	127	105187	18.620	ng/ul	89
31) Hexachlorobutadiene	10.66	225	108192	19.858	ng/ul	92
32) Caprolactam	11.29	113	29254m	17.631	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	122201	19.304	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	291526	19.821	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	187877	19.241 ng/ul	94
37) Hexachlorocyclopentadiene	12.35	237	83865	15.772 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	112023	19.725 ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	108385	18.552 ng/ul	96
40) 1,1'-Biphenyl	13.04	154	406431	19.566 ng/ul	97
41) 2-Chloronaphthalene	13.08	162	331205	19.736 ng/ul	100
42) 2-Nitroaniline	13.30	65	92669	19.438 ng/ul	98
44) Dimethylphthalate	13.68	163	416619	19.473 ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	81581	19.632 ng/ul#	97
47) Acenaphthylene	13.93	152	497322	19.895 ng/ul	98
48) 3-Nitroaniline	14.15	138	56609	18.128 ng/ul#	92
49) Acenaphthene	14.28	153	342681	19.552 ng/ul	96
50) 2,4-Dinitrophenol	14.37	184	32724	14.680 ng/ul#	88
52) 4-Nitrophenol	14.47	109	60759	16.484 ng/ul#	67
53) Dibenzofuran	14.62	168	520825	19.514 ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	122999	19.562 ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	14.86	232	118233	20.076 ng/ul	96
56) Diethylphthalate	15.06	149	433850	19.331 ng/ul	94
58) Fluorene	15.27	166	430513	19.343 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.27	204	251547	19.738 ng/ul	99
60) 4-Nitroaniline	15.32	138	56902	16.214 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.38	198	69835	17.454 ng/ul#	99
64) N-Nitrosodiphenylamine	15.49	169	369690	19.929 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	162254	20.190 ng/ul	96
66) Hexachlorobenzene	16.27	284	167821	19.627 ng/ul#	94
67) Atrazine	16.45	200	143475	19.256 ng/ul	97
68) Pentachlorophenol	16.63	266	71941	17.088 ng/ul	97
69) Phenanthrene	17.02	178	716483	19.819 ng/ul	97
71) Anthracene	17.10	178	715250	19.528 ng/ul	99
72) Carbazole	17.39	167	562486	18.830 ng/ul	98
73) Di-n-butylphthalate	17.95	149	732015	19.534 ng/ul	99
74) Fluoranthene	19.04	202	843714	18.759 ng/ul#	95
77) Pyrene	19.40	202	875134	20.551 ng/ul#	95
78) Butylbenzylphthalate	20.32	149	331078	19.722 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.10	252	219868	19.771 ng/ul	98
80) Benzo(a)anthracene	21.16	228	879593	19.787 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	485764	19.847 ng/ul#	98
82) Chrysene	21.22	228	823183	19.700 ng/ul	99
84) Di-n-octyl phthalate	21.96	149	803451	18.763 ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	810364	19.090 ng/ul	100
86) Benzo(k)fluoranthene	22.75	252	856635m	20.528 ng/ul	
88) Benzo(a)pyrene	23.26	252	790055	19.750 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.53	276	872573	19.905 ng/ul#	97
90) Dibenzo(a,h)anthracene	25.54	278	735396	19.783 ng/ul#	97
91) Benzo(g,h,i)perylene	26.20	276	711165	19.623 ng/ul	99

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

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