Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013365.D
Acq On : 13 Dec 2017 10:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
Sohil
12/15/2017 7:33:53 PM

Quant Time: Dec 13 15:48:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	129327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	575356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	381667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	992426	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1135004	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	945337	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	17558	6.72	ng/uL	0.00
5) Phenol-d5	6.86	99	209421	18.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	121913	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	175224	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	176234	18.44	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	88300	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	94249	19.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	195628	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	229355	24.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	643620	18.95	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	813449	19.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	105996	17.96	ng/ul	0.00
57) Fluorene-d10	15.32	176	572811	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	96013	15.38	ng/ul	0.00
70) Anthracene-d10	17.17	188	978322	19.68	ng/ul	0.00
76) Pyrene-d10	19.47	212	1147230	20.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	956703	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	23357	7.967	ng/uL#	66
4) Benzaldehyde	6.84	77	114117	20.611	ng/ul	95
6) Phenol	6.89	94	211105	19.085	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.12	93	165761	19.599	ng/ul	94
10) 2-Chlorophenol	7.25	128	167178	19.499	ng/ul	92
11) 2-Methylphenol	8.13	108	160283	18.735	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.22	45	164391	18.512	ng/ul#	78
14) Acetophenone	8.50	105	276657	19.031	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.49	70	134847	18.415	ng/ul#	66
16) 4-Methylphenol	8.46	108	173329	18.946	ng/ul	94
17) Hexachloroethane	8.75	117	72762	19.493	ng/ul	84
20) Nitrobenzene	8.88	77	217729	18.943	ng/ul	96
21) Isophorone	9.40	82	374101	18.497	ng/ul	95
23) 2-Nitrophenol	9.59	139	95081	18.781	ng/ul#	83
24) 2,4-Dimethylphenol	9.65	107	204409	18.512	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.89	93	223974	18.922	ng/ul	95
27) 2,4-Dichlorophenol	10.12	162	185642	19.972	ng/ul#	88
28) Naphthalene	10.51	128	574757	19.417	ng/ul	99
30) 4-Chloroaniline	10.63	127	220712	24.649	ng/ul	96
31) Hexachlorobutadiene	10.79	225	134386	19.959	ng/ul	95
32) Caprolactam	11.40	113	60363m	20.319	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	197377	19.357	ng/ul	95
34) 2-Methylnaphthalene	12.13	142	439085	19.732	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	263095	19.104 ng/ul	99
37) Hexachlorocyclopentadiene	12.48	237	138507	15.280 ng/ul	97
38) 2,4,6-Trichlorophenol	12.75	196	172295	20.067 ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	179535	19.686 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	602751	18.686 ng/ul	98
41) 2-Chloronaphthalene	13.19	162	486977	19.243 ng/ul	99
42) 2-Nitroaniline	13.41	65	142234	19.184 ng/ul	99
44) Dimethylphthalate	13.79	163	613355	18.882 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	128332	19.370 ng/ul	99
47) Acenaphthylene	14.05	152	746886	19.257 ng/ul	96
48) 3-Nitroaniline	14.24	138	120386	20.329 ng/ul	92
49) Acenaphthene	14.39	153	512758	19.407 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	46042	12.558 ng/ul#	88
52) 4-Nitrophenol	14.56	109	106041	18.318 ng/ul#	81
53) Dibenzofuran	14.73	168	753267	19.312 ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	192974	20.023 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.96	232	166746	19.941 ng/ul#	89
56) Diethylphthalate	15.16	149	634256	19.467 ng/ul	96
58) Fluorene	15.38	166	643743	19.950 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	344222	19.655 ng/ul	95
60) 4-Nitroaniline	15.40	138	141794	20.294 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	98847	15.844 ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	551508	18.865 ng/ul	97
65) 4-Bromophenyl-phenylether	16.27	248	219079	18.779 ng/ul	99
66) Hexachlorobenzene	16.38	284	240059	18.659 ng/ul#	87
67) Atrazine	16.55	200	212976	19.737 ng/ul	92
68) Pentachlorophenol	16.73	266	124402	16.718 ng/ul	96
69) Phenanthrene	17.12	178	1108071	19.653 ng/ul	98
71) Anthracene	17.21	178	1136262	19.716 ng/ul	98
72) Carbazole	17.48	167	953283	19.231 ng/ul	99
73) Di-n-butylphthalate	18.05	149	1136989	19.648 ng/ul	99
74) Fluoranthene	19.14	202	1372918	19.870 ng/ul#	95
77) Pyrene	19.50	202	1402966	20.346 ng/ul#	93
78) Butylbenzylphthalate	20.41	149	548162	20.346 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.19	252	426229	17.864 ng/ul#	94
80) Benzo(a)anthracene	21.25	228	1404437	19.502 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	812326	20.003 ng/ul#	97
82) Chrysene	21.30	228	1304444	19.525 ng/ul	98
84) Di-n-octyl phthalate	22.06	149	1312375	19.523 ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1242122	19.491 ng/ul#	99
86) Benzo(k)fluoranthene	22.87	252	1225102	20.428 ng/ul#	96
88) Benzo(a)pyrene	23.40	252	1138108	19.881 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	1175277	20.691 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.74	278	989454	20.458 ng/ul#	96
91) Benzo(g,h,i)perylene	26.41	276	948855	21.178 ng/ul#	94

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

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