Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013359.D
Acq On : 13 Dec 2017 03:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
Sohil
12/13/2017 12:05:59 PM

Quant Time: Dec 13 04:56:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	105048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	475227	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	312079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	832766	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1149728	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1085780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	15812m	7.46	ng/uL	0.00
5) Phenol-d5	6.86	99	175568	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	96635	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	143320	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	154806	19.94	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	72784	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	79385	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	158305	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	199643	26.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	521160	18.77	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	674475	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	99958m	20.72	ng/ul	0.00
57) Fluorene-d10	15.32	176	477317	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	78907	15.06	ng/ul	0.00
70) Anthracene-d10	17.17	188	837723	20.09	ng/ul	0.00
76) Pyrene-d10	19.47	212	1061258	18.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1082540	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	17456m	7.331	ng/uL	
4) Benzaldehyde	6.83	77	92994	20.678	ng/ul#	83
6) Phenol	6.89	94	173593	19.321	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.12	93	129691	18.879	ng/ul	99
10) 2-Chlorophenol	7.25	128	139063	19.969	ng/ul	96
11) 2-Methylphenol	8.13	108	133672	19.236	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	143030m	19.829	ng/ul	
14) Acetophenone	8.50	105	223255	18.907	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.49	70	109564	18.421	ng/ul#	68
16) 4-Methylphenol	8.45	108	149396	20.104	ng/ul	89
17) Hexachloroethane	8.75	117	60172	19.846	ng/ul#	76
20) Nitrobenzene	8.88	77	182787	19.254	ng/ul#	89
21) Isophorone	9.40	82	314335	18.817	ng/ul#	94
23) 2-Nitrophenol	9.59	139	83239	19.906	ng/ul#	77
24) 2,4-Dimethylphenol	9.65	107	175055	19.194	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.89	93	183912	18.811	ng/ul	96
27) 2,4-Dichlorophenol	10.12	162	156651	20.404	ng/ul#	91
28) Naphthalene	10.51	128	478088	19.554	ng/ul	99
30) 4-Chloroaniline	10.63	127	192032	25.965	ng/ul	91
31) Hexachlorobutadiene	10.79	225	102549	18.440	ng/ul	94
32) Caprolactam	11.40	113	52112	21.238	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.76	107	170687	20.266	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	363028	19.752	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	210436	18.687 ng/ul	97
37) Hexachlorocyclopentadiene	12.48	237	88583	11.951 ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	132336	18.850 ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	148303	19.887 ng/ul	97
40) 1,1'-Biphenyl	13.16	154	493003	18.692 ng/ul	97
41) 2-Chloronaphthalene	13.19	162	392117	18.950 ng/ul	99
42) 2-Nitroaniline	13.41	65	119288	19.676 ng/ul#	85
44) Dimethylphthalate	13.79	163	494680	18.624 ng/ul	98
45) 2,6-Dinitrotoluene	13.91	165	104251	19.244 ng/ul#	96
47) Acenaphthylene	14.05	152	622051	19.614 ng/ul	98
48) 3-Nitroaniline	14.24	138	112760	23.287 ng/ul	91
49) Acenaphthene	14.39	153	422856	19.573 ng/ul	95
50) 2,4-Dinitrophenol	14.45	184	47381	15.805 ng/ul#	84
52) 4-Nitrophenol	14.56	109	95356	20.145 ng/ul#	79
53) Dibenzofuran	14.73	168	629354	19.733 ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	164484	20.873 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.96	232	142878	20.896 ng/ul	95
56) Diethylphthalate	15.16	149	509114	19.111 ng/ul	93
58) Fluorene	15.38	166	516180	19.564 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.37	204	277466	19.376 ng/ul	95
60) 4-Nitroaniline	15.40	138	131627	23.040 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.47	198	80801	15.434 ng/ul	94
64) N-Nitrosodiphenylamine	15.59	169	455175	18.555 ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	178303	18.214 ng/ul	96
66) Hexachlorobenzene	16.38	284	198717	18.407 ng/ul#	90
67) Atrazine	16.55	200	177554	19.609 ng/ul	93
68) Pentachlorophenol	16.73	266	111724	17.893 ng/ul	99
69) Phenanthrene	17.12	178	932110	19.702 ng/ul	100
71) Anthracene	17.21	178	963454	19.923 ng/ul	99
72) Carbazole	17.48	167	858628	20.642 ng/ul	99
73) Di-n-butylphthalate	18.05	149	971364	20.004 ng/ul#	97
74) Fluoranthene	19.14	202	1241682	21.416 ng/ul#	93
77) Pyrene	19.50	202	1296584	18.563 ng/ul#	94
78) Butylbenzylphthalate	20.41	149	529005	19.383 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.19	252	415600	17.196 ng/ul#	99
80) Benzo(a)anthracene	21.25	228	1453884	19.931 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.19	149	773061	18.793 ng/ul	99
82) Chrysene	21.30	228	1316692	19.456 ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1334902	17.289 ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	1432096	19.566 ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1287090	18.686 ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1271512	19.339 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	1229310	18.843 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	1040072	18.723 ng/ul#	95
91) Benzo(g,h,i)perylene	26.41	276	1048698	20.379 ng/ul#	97

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

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