Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031418\
Data File : BM014570.D
Acq On : 14 Mar 2018 14:09
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Manual Integrations APPROVED
Sohil
3/15/2018 7:01:20 PM

Quant Time: Mar 14 19:06:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	93686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	423733	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	274952	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	628930	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	480935	20.00	ng/ul	0.00
83) Perylene-d12	23.30	264	383877	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	15430	7.05	ng/uL	0.00
5) Phenol-d5	6.69	99	146491	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	88629	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	117483	19.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	126655	18.28	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	61254	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	68549	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	135792	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	147565	22.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	458177	20.18	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	541604	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	72490	23.12	ng/ul	0.00
57) Fluorene-d10	15.15	176	360343	17.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	60888	16.14	ng/ul	0.00
70) Anthracene-d10	17.01	188	558349	18.40	ng/ul	0.00
76) Pyrene-d10	19.32	212	564146	22.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	349632	18.71	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	16231	6.675	ng/uL#	70
4) Benzaldehyde	6.65	77	74103	22.954	ng/ul	92
6) Phenol	6.72	94	145486	17.510	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.92	93	116098	19.258	ng/ul	94
10) 2-Chlorophenol	7.05	128	117386	18.936	ng/ul	98
11) 2-Methylphenol	7.95	108	114305	17.986	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.01	45	113750	18.697	ng/ul#	69
14) Acetophenone	8.30	105	204939	17.145	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.29	70	120363	20.094	ng/ul#	74
16) 4-Methylphenol	8.29	108	127521	18.413	ng/ul	94
17) Hexachloroethane	8.52	117	58971	18.261	ng/ul#	73
20) Nitrobenzene	8.68	77	179905	19.426	ng/ul	99
21) Isophorone	9.20	82	322274	20.345	ng/ul	96
23) 2-Nitrophenol	9.39	139	74317	21.171	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	168711	19.604	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	164732	19.742	ng/ul	95
27) 2,4-Dichlorophenol	9.93	162	124856	19.603	ng/ul#	89
28) Naphthalene	10.29	128	413583	19.004	ng/ul	99
30) 4-Chloroaniline	10.44	127	148955	22.084	ng/ul	96
31) Hexachlorobutadiene	10.56	225	94089	18.619	ng/ul	94
32) Caprolactam	11.25	113	43352m	21.251	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	156308	20.310	ng/ul	96
34) 2-Methylnaphthalene	11.92	142	299431	18.077	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.30	216	180073	20.402	ng/ul#	92
37) Hexachlorocyclopentadiene	12.26	237	54508	11.348	ng/ul	97
38) 2,4,6-Trichlorophenol	12.57	196	114228	20.744	ng/ul	99
39) 2,4,5-Trichlorophenol	12.67	196	113099	20.098	ng/ul	96
40) 1,1'-Biphenyl	12.96	154	422029	19.926	ng/ul	98
41) 2-Chloronaphthalene	13.00	162	336886	19.911	ng/ul	97
42) 2-Nitroaniline	13.25	65	123505	21.573	ng/ul	98
44) Dimethylphthalate	13.62	163	443354	19.801	ng/ul	99
45) 2,6-Dinitrotoluene	13.76	165	88956	20.912	ng/ul#	70
47) Acenaphthylene	13.86	152	502141	18.975	ng/ul	99
48) 3-Nitroaniline	14.10	138	77115	21.389	ng/ul#	95
49) Acenaphthene	14.20	153	340565	18.276	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	27255	11.913	ng/ul#	59
52) 4-Nitrophenol	14.47	109	81122	19.737	ng/ul#	47
53) Dibenzofuran	14.55	168	494648	17.703	ng/ul	88
54) 2,4-Dinitrotoluene	14.57	165	132790	19.483	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	14.80	232	95562	16.793	ng/ul#	71
56) Diethylphthalate	14.99	149	478087	19.162	ng/ul#	91
58) Fluorene	15.20	166	410942	17.036	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.20	204	215096	17.048	ng/ul#	83
60) 4-Nitroaniline	15.27	138	67031	16.578	ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.35	198	60562	15.772	ng/ul#	89
64) N-Nitrosodiphenylamine	15.43	169	351514	19.449	ng/ul	98
65) 4-Bromophenyl-phenylether	16.10	248	140098	19.963	ng/ul#	83
66) Hexachlorobenzene	16.22	284	142552	19.316	ng/ul#	78
67) Atrazine	16.39	200	149181	20.900	ng/ul	96
68) Pentachlorophenol	16.59	266	56474	14.603	ng/ul	99
69) Phenanthrene	16.95	178	646411	17.839	ng/ul	98
71) Anthracene	17.05	178	657473	18.041	ng/ul	97
72) Carbazole	17.34	167	541729	17.679	ng/ul	98
73) Di-n-butylphthalate	17.88	149	763100	19.303	ng/ul	97
74) Fluoranthene	18.99	202	740898	17.114	ng/ul#	98
77) Pyrene	19.36	202	694091	21.716	ng/ul#	96
78) Butylbenzylphthalate	20.26	149	308286	23.328	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.06	252	168051	19.875	ng/ul#	98
80) Benzo(a)anthracene	21.12	228	582893	19.420	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.04	149	409951	21.660	ng/ul#	92
82) Chrysene	21.17	228	518979	18.535	ng/ul	98
84) Di-n-octyl phthalate	21.90	149	643012	19.520	ng/ul#	86
85) Benzo(b)fluoranthene	22.66	252	467442	18.186	ng/ul	99
86) Benzo(k)fluoranthene	22.70	252	467540m	19.132	ng/ul	
88) Benzo(a)pyrene	23.21	252	416067	18.114	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	451801	20.271	ng/ul	98
90) Dibenzo(a,h)anthracene	25.46	278	374509	20.222	ng/ul#	99
91) Benzo(g,h,i)perylene	26.13	276	357158	19.781	ng/ul	99

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

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