Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011018\
Data File : BM013565.D
Acq On : 10 Jan 2018 14:55
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
Sohil
1/10/2018 5:55:21 PM

Quant Time: Jan 10 15:49:17 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 10 13:12:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	90338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	354980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	218732	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	543950	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	652859	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	654730	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	19457	8.51	ng/uL	0.00
5) Phenol-d5	6.81	99	131540	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	84909	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	115523	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	104707	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	56335	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	57471	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	115459	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	90680	18.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	361348	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	461581	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	56151	19.17	ng/ul	0.00
57) Fluorene-d10	15.27	176	324986	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	60097	18.36	ng/ul	0.00
70) Anthracene-d10	17.13	188	531372	20.06	ng/ul	0.00
76) Pyrene-d10	19.43	212	592952	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	607358	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	21554	8.608	ng/uL#	59
4) Benzaldehyde	6.78	77	105631	22.009	ng/ul	93
6) Phenol	6.83	94	136674	19.648	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.06	93	106708	19.604	ng/ul	94
10) 2-Chlorophenol	7.19	128	115451	20.499	ng/ul	95
11) 2-Methylphenol	8.07	108	97890	19.091	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	107680	19.442	ng/ul#	76
14) Acetophenone	8.45	105	172810	19.587	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.43	70	88159	20.482	ng/ul#	74
16) 4-Methylphenol	8.40	108	108948	19.872	ng/ul	97
17) Hexachloroethane	8.69	117	55495	20.243	ng/ul#	72
20) Nitrobenzene	8.82	77	140706	19.774	ng/ul	97
21) Isophorone	9.35	82	225972	19.655	ng/ul	96
23) 2-Nitrophenol	9.53	139	62879	20.730	ng/ul#	84
24) 2,4-Dimethylphenol	9.60	107	130878	20.466	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.83	93	140037	19.980	ng/ul	97
27) 2,4-Dichlorophenol	10.06	162	108350	19.996	ng/ul#	91
28) Naphthalene	10.45	128	356697	20.198	ng/ul	97
30) 4-Chloroaniline	10.57	127	90568	18.723	ng/ul	98
31) Hexachlorobutadiene	10.73	225	91876	20.656	ng/ul	93
32) Caprolactam	11.36	113	28972m	19.219	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	107824	19.629	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	264544	20.092	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.45	216	159425	19.670	ng/ul#	95
37) Hexachlorocyclopentadiene	12.42	237	64581	19.193	ng/ul	94
38) 2,4,6-Trichlorophenol	12.70	196	95268	20.307	ng/ul	91
39) 2,4,5-Trichlorophenol	12.77	196	100581	20.604	ng/ul	96
40) 1,1'-Biphenyl	13.10	154	358505	19.690	ng/ul	99
41) 2-Chloronaphthalene	13.14	162	285321	20.047	ng/ul	97
42) 2-Nitroaniline	13.36	65	77519	19.745	ng/ul	98
44) Dimethylphthalate	13.74	163	349324	19.708	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	68143	19.839	ng/ul#	93
47) Acenaphthylene	14.00	152	423403	20.130	ng/ul	100
48) 3-Nitroaniline	14.19	138	48652	18.011	ng/ul	97
49) Acenaphthene	14.34	153	292891	20.106	ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	33065	16.793	ng/ul#	87
52) 4-Nitrophenol	14.52	109	60060	20.181	ng/ul#	82
53) Dibenzofuran	14.68	168	442888	20.210	ng/ul	99
54) 2,4-Dinitrotoluene	14.66	165	106498	21.270	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	95585	20.817	ng/ul#	90
56) Diethylphthalate	15.12	149	362589	20.327	ng/ul	94
58) Fluorene	15.33	166	362082	20.170	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.33	204	202688	20.896	ng/ul	94
60) 4-Nitroaniline	15.36	138	70808	22.403	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.42	198	62480	18.079	ng/ul	97
64) N-Nitrosodiphenylamine	15.54	169	310727	19.423	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	127820	19.895	ng/ul#	89
66) Hexachlorobenzene	16.33	284	134961	19.516	ng/ul#	90
67) Atrazine	16.50	200	127344	19.944	ng/ul	96
68) Pentachlorophenol	16.69	266	67561	18.385	ng/ul	91
69) Phenanthrene	17.07	178	609861	20.170	ng/ul	99
71) Anthracene	17.16	178	616949	19.782	ng/ul	99
72) Carbazole	17.43	167	518112	20.126	ng/ul	100
73) Di-n-butylphthalate	18.00	149	617275	20.388	ng/ul	98
74) Fluoranthene	19.09	202	728667	20.189	ng/ul#	94
77) Pyrene	19.46	202	776268	19.559	ng/ul#	94
78) Butylbenzylphthalate	20.37	149	278554	19.924	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	200420	18.557	ng/ul	89
80) Benzo(a)anthracene	21.21	228	788946	19.999	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	409226	19.509	ng/ul#	98
82) Chrysene	21.26	228	717298	19.820	ng/ul	98
84) Di-n-octyl phthalate	22.02	149	714733	18.114	ng/ul	99
85) Benzo(b)fluoranthene	22.77	252	840717	20.909	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	744540	19.157	ng/ul#	98
88) Benzo(a)pyrene	23.33	252	775273	20.410	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.63	276	891414	19.881	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.64	278	770427	20.347	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	731504	19.822	ng/ul#	94

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

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