Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013716.D
Acq On : 23 Jan 2018 04:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
Sohil
1/23/2018 12:50:03 PM

Quant Time: Jan 23 05:48:38 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 23 00:52:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	132012	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	512443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	286493	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	649397	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	730131	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	722539	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	21921	6.56	ng/uL	0.00
5) Phenol-d5	6.79	99	195134	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	116853	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	164586	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	154665	19.85	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	82432	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	84841	20.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	166957	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	171815	24.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	470502	19.93	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	622949	20.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	71744m	18.70	ng/ul	0.00
57) Fluorene-d10	15.26	176	423947	20.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	71926	18.40	ng/ul	0.00
70) Anthracene-d10	17.11	188	656513m	20.76	ng/ul	0.00
76) Pyrene-d10	19.42	212	716848	21.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	695569	20.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	22778	6.225	ng/uL#	71
4) Benzaldehyde	6.76	77	138960	19.813	ng/ul#	84
6) Phenol	6.82	94	198070	19.486	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.05	93	159035	19.994	ng/ul	93
10) 2-Chlorophenol	7.17	128	163771	19.898	ng/ul	93
11) 2-Methylphenol	8.06	108	147579	19.696	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.15	45	149768	18.505	ng/ul#	75
14) Acetophenone	8.43	105	254764	19.761	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.42	70	122703	19.508	ng/ul#	68
16) 4-Methylphenol	8.39	108	158115	19.735	ng/ul	97
17) Hexachloroethane	8.67	117	74623	18.627	ng/ul	85
20) Nitrobenzene	8.80	77	203573	19.818	ng/ul	98
21) Isophorone	9.33	82	325539	19.615	ng/ul	96
23) 2-Nitrophenol	9.51	139	89671	20.479	ng/ul#	82
24) 2,4-Dimethylphenol	9.57	107	185023	20.042	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.81	93	194617	19.235	ng/ul	93
27) 2,4-Dichlorophenol	10.04	162	163069	20.847	ng/ul#	87
28) Naphthalene	10.43	128	534250	20.956	ng/ul	99
30) 4-Chloroaniline	10.56	127	167222	23.947	ng/ul	91
31) Hexachlorobutadiene	10.71	225	126372	19.681	ng/ul	97
32) Caprolactam	11.33	113	43830	20.141	ng/ul#	29
33) 4-Chloro-3-methylphenol	11.69	107	160174	20.199	ng/ul	93
34) 2-Methylnaphthalene	12.06	142	374522	19.704	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	215114	20.264	ng/ul#	97
37) Hexachlorocyclopentadiene	12.40	237	67149	15.236	ng/ul	94
38) 2,4,6-Trichlorophenol	12.68	196	134264	21.850	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	140745	22.012	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	491513	20.611	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	392375	21.048	ng/ul	98
42) 2-Nitroaniline	13.35	65	107472	20.899	ng/ul	95
44) Dimethylphthalate	13.72	163	466558	20.097	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	93284	20.735	ng/ul	95
47) Acenaphthylene	13.98	152	571619	20.748	ng/ul	97
48) 3-Nitroaniline	14.18	138	80783	22.832	ng/ul	89
49) Acenaphthene	14.32	153	388555	20.364	ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	38733	15.019	ng/ul	93
52) 4-Nitrophenol	14.50	109	72722	18.656	ng/ul#	72
53) Dibenzofuran	14.66	168	584239	20.354	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	132457	20.197	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	121770	20.248	ng/ul#	91
56) Diethylphthalate	15.10	149	448261	19.186	ng/ul	94
58) Fluorene	15.32	166	471173	20.039	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	243061	19.131	ng/ul	98
60) 4-Nitroaniline	15.35	138	82702	19.977	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.41	198	75602	18.324	ng/ul#	87
64) N-Nitrosodiphenylamine	15.53	169	397621	20.818	ng/ul	95
65) 4-Bromophenyl-phenylether	16.21	248	157030	20.473	ng/ul	97
66) Hexachlorobenzene	16.32	284	167584	20.298	ng/ul#	94
67) Atrazine	16.49	200	150739	19.775	ng/ul	95
68) Pentachlorophenol	16.67	266	83735	19.086	ng/ul	99
69) Phenanthrene	17.06	178	748159	20.726	ng/ul	99
71) Anthracene	17.14	178	765882	20.570	ng/ul	96
72) Carbazole	17.42	167	625449	20.351	ng/ul	99
73) Di-n-butylphthalate	17.99	149	705214	19.510	ng/ul	98
74) Fluoranthene	19.08	202	876073	20.332	ng/ul#	94
77) Pyrene	19.44	202	929112	20.932	ng/ul#	94
78) Butylbenzylphthalate	20.36	149	324166	20.733	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.13	252	269052	22.275	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	913417	20.704	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	450355	19.198	ng/ul	98
82) Chrysene	21.25	228	835599	20.646	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	757513	17.397	ng/ul	98
85) Benzo(b)fluoranthene	22.75	252	918756	20.705	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	907130	21.150	ng/ul#	97
88) Benzo(a)pyrene	23.32	252	864780	20.630	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	1000285	20.215	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.62	278	850194	20.347	ng/ul#	95
91) Benzo(g,h,i)perylene	26.28	276	831775	20.424	ng/ul#	96

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

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