Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120818\
Data File : BM018012.D
Acq On : 08 Dec 2018 11:10
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02084

Quant Time: Dec 10 03:39:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 22:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	143132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	588517	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	314676	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	664966	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	676580	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	645458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	25035	8.01	ng/uL	0.00
5) Phenol-d5	6.75	99	213930	16.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	127374	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	191052	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	171869	16.09	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	85345	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	93127	17.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	175299	17.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	147846	17.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	491737	18.01	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	618464	18.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	61255	12.34	ng/ul	0.00
57) Fluorene-d10	15.20	176	424526	18.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	74926	15.76	ng/ul	0.00
70) Anthracene-d10	17.06	188	625475	18.89	ng/ul	0.00
78) Pyrene-d10	19.37	212	657883	20.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	652512	18.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	27059	8.109	ng/uL	95
4) Benzaldehyde	6.72	77	36250	14.872	ng/ul	91
6) Phenol	6.77	94	211877	16.238	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	170582	17.112	ng/ul	95
10) 2-Chlorophenol	7.12	128	187233	18.322	ng/ul	96
11) 2-Methylphenol	8.00	108	165763	16.651	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	185710	15.790	ng/ul	96
14) Acetophenone	8.37	105	267833	16.088	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	131952	15.196	ng/ul	99
16) 4-Methylphenol	8.33	108	172981	16.079	ng/ul	99
17) Hexachloroethane	8.60	117	77859	18.792	ng/ul	92
20) Nitrobenzene	8.75	77	198723	17.515	ng/ul	94
21) Isophorone	9.27	82	356465	16.888	ng/ul	99
23) 2-Nitrophenol	9.45	139	98700	18.311	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	197753	17.562	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	226713	17.553	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	172272	18.504	ng/ul	98
28) Naphthalene	10.37	128	575693	18.775	ng/ul	99
30) 4-Chloroaniline	10.50	127	154117	17.852	ng/ul	97
31) Hexachlorobutadiene	10.65	225	118732	19.203	ng/ul	98
32) Caprolactam	11.29	113	44349	14.398	ng/ul	96
33) 4-Chloro-3-methylphenol	11.63	107	172870	16.349	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	399712	17.462	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	211273	20.122 ng/ul	98
37) Hexachlorocyclopentadiene	12.33	237	101412	14.977 ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	127747	18.720 ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	136933	18.763 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	507160	19.579 ng/ul	99
41) 2-Chloronaphthalene	13.06	162	393720	19.430 ng/ul	99
42) 2-Nitroaniline	13.29	65	100535	17.038 ng/ul	99
44) Dimethylphthalate	13.67	163	474588	17.941 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	94781	18.235 ng/ul	99
47) Acenaphthylene	13.92	152	587118	19.025 ng/ul	98
48) 3-Nitroaniline	14.14	138	82935	16.725 ng/ul	89
49) Acenaphthene	14.27	153	415127	18.665 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	37949	10.768 ng/ul	93
52) 4-Nitrophenol	14.46	109	50493	12.367 ng/ul	94
53) Dibenzofuran	14.60	168	575508	18.286 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	134408	17.078 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.84	232	118794	17.653 ng/ul	98
56) Diethylphthalate	15.04	149	472528	17.340 ng/ul	100
58) Fluorene	15.26	166	470757	17.937 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	244530	18.138 ng/ul	97
60) 4-Nitroaniline	15.31	138	78542	14.248 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.36	198	75916	15.496 ng/ul	95
64) N-Nitrosodiphenylamine	15.48	169	407355	19.897 ng/ul	97
65) 4-Bromophenyl-phenylether	16.16	248	149320	19.651 ng/ul	96
66) Hexachlorobenzene	16.26	284	165297	19.571 ng/ul	98
67) Atrazine	16.44	200	135411	17.831 ng/ul	98
68) Pentachlorophenol	16.62	266	89027	16.943 ng/ul	96
69) Phenanthrene	17.00	178	722078	18.989 ng/ul	99
71) Anthracene	17.09	178	738598	18.992 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	202034	21.439 ng/uL	97
73) Pentachlorobenzene	14.52	250	199627	20.712 ng/uL	98
74) Carbazole	17.38	167	613471	17.903 ng/ul	98
75) Di-n-butylphthalate	17.94	149	769741	17.775 ng/ul	99
76) Fluoranthene	19.03	202	812080	18.156 ng/ul	98
79) Pyrene	19.40	202	832633	20.273 ng/ul	99
80) Butylbenzylphthalate	20.32	149	331225	18.860 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.10	252	237510	17.053 ng/ul	97
82) Benzo(a)anthracene	21.16	228	783854	18.679 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	483942	18.609 ng/ul	100
84) Chrysene	21.21	228	749059	19.086 ng/ul	99
86) Di-n-octyl phthalate	21.96	149	780412	17.263 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	754559	18.807 ng/ul	100
88) Benzo(k)fluoranthene	22.74	252	730704	18.739 ng/ul	99
90) Benzo(a)pyrene	23.25	252	708762	18.628 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.50	276	804436	19.954 ng/ul	99
92) Dibenzo(a,h)anthracene	25.51	278	676604	19.878 ng/ul	98
93) Benzo(g,h,i)perylene	26.16	276	663455	20.363 ng/ul	98

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

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