Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015693.D
Acq On : 18 Jun 2018 11:19
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Manual Integrations APPROVED
Sohil
6/19/2018 6:02:21 PM

Quant Time: Jun 19 04:11:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 15 17:33:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	95343	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	433173	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	262431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.67	188	599044	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	663670	20.00	ng/ul	0.00
85) Perylene-d12	24.19	264	646250	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	16293	8.30	ng/uL	0.00
5) Phenol-d5	7.47	99	152710	17.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	96084	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	130735	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	130928	17.56	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	60142	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	68020	21.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	133695	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	172488	23.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	426557	19.63	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	482306	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	69200	16.50	ng/ul	0.00
57) Fluorene-d10	15.93	176	358434	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	64223	17.80	ng/ul	0.00
70) Anthracene-d10	17.77	188	559513	20.49	ng/ul	0.00
78) Pyrene-d10	20.02	212	614405	21.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	662167	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	17120m	8.480	ng/uL	
4) Benzaldehyde	7.46	77	100443	22.140	ng/ul	85
6) Phenol	7.50	94	158209	17.596	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.73	93	122348	18.353	ng/ul#	87
10) 2-Chlorophenol	7.88	128	133134	19.521	ng/ul#	89
11) 2-Methylphenol	8.77	108	122156	17.745	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.86	45	195135	17.493	ng/ul#	89
14) Acetophenone	9.17	105	211332	18.114	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.14	70	111538	18.069	ng/ul#	71
16) 4-Methylphenol	9.10	108	133300	17.369	ng/ul	98
17) Hexachloroethane	9.41	117	57466	21.377	ng/ul	92
20) Nitrobenzene	9.56	77	165360	21.018	ng/ul	89
21) Isophorone	10.07	82	298392	19.838	ng/ul	98
23) 2-Nitrophenol	10.27	139	76276	21.116	ng/ul#	83
24) 2,4-Dimethylphenol	10.31	107	163528	20.461	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.55	93	176709	19.651	ng/ul	98
27) 2,4-Dichlorophenol	10.80	162	132960	20.526	ng/ul	98
28) Naphthalene	11.20	128	437169	20.163	ng/ul	99
30) 4-Chloroaniline	11.32	127	177364	23.655	ng/ul	98
31) Hexachlorobutadiene	11.47	225	88254	22.211	ng/ul	98
32) Caprolactam	12.10	113	40695m	16.446	ng/ul	
33) 4-Chloro-3-methylphenol	12.42	107	149700	19.411	ng/ul	98
34) 2-Methylnaphthalene	12.79	142	321353	19.326	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	162588	21.466 ng/ul	97
37) Hexachlorocyclopentadiene	13.12	237	52514	17.137 ng/ul	95
38) 2,4,6-Trichlorophenol	13.39	196	106087	21.374 ng/ul	97
39) 2,4,5-Trichlorophenol	13.47	196	112482	20.554 ng/ul	97
40) 1,1'-Biphenyl	13.78	154	421568	20.581 ng/ul	98
41) 2-Chloronaphthalene	13.83	162	330143	20.837 ng/ul	99
42) 2-Nitroaniline	14.05	65	104759	21.336 ng/ul#	77
44) Dimethylphthalate	14.39	163	433760	19.551 ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	80843	19.648 ng/ul#	78
47) Acenaphthylene	14.67	152	500161	20.447 ng/ul	98
48) 3-Nitroaniline	14.86	138	81590	19.504 ng/ul	91
49) Acenaphthene	15.01	153	361480	20.023 ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	33758	13.715 ng/ul#	1
52) 4-Nitrophenol	15.16	109	73282	19.698 ng/ul#	83
53) Dibenzofuran	15.34	168	507223	19.970 ng/ul	97
54) 2,4-Dinitrotoluene	15.31	165	127560	19.965 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.56	232	97474	19.694 ng/ul#	93
56) Diethylphthalate	15.73	149	459686	19.713 ng/ul	97
58) Fluorene	15.98	166	415372	19.555 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.96	204	210402	19.898 ng/ul	100
60) 4-Nitroaniline	16.01	138	77244	15.217 ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.07	198	70402	18.258 ng/ul#	87
64) N-Nitrosodiphenylamine	16.18	169	356752	20.671 ng/ul	98
65) 4-Bromophenyl-phenylether	16.85	248	127938	21.013 ng/ul	97
66) Hexachlorobenzene	16.97	284	143701	20.193 ng/ul	97
67) Atrazine	17.11	200	133738	21.005 ng/ul	98
68) Pentachlorophenol	17.32	266	71070	17.360 ng/ul	95
69) Phenanthrene	17.71	178	662408	20.148 ng/ul	99
71) Anthracene	17.80	178	675287	20.166 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.76	216	164592	22.782 ng/uL	99
73) Pentachlorobenzene	15.26	250	164112	21.614 ng/uL	98
74) Carbazole	18.07	167	594435	19.204 ng/ul	98
75) Di-n-butylphthalate	18.59	149	769636	20.661 ng/ul#	99
76) Fluoranthene	19.69	202	771007	19.126 ng/ul	96
79) Pyrene	20.04	202	796481	21.393 ng/ul	98
80) Butylbenzylphthalate	20.89	149	362820	21.819 ng/ul	88
81) 3,3'-Dichlorobenzidine	21.68	252	265078	19.567 ng/ul	100
82) Benzo(a)anthracene	21.76	228	821358	20.412 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	533022	21.805 ng/ul	96
84) Chrysene	21.81	228	762217	20.187 ng/ul	98
86) Di-n-octyl phthalate	22.56	149	911140	22.403 ng/ul#	86
87) Benzo(b)fluoranthene	23.45	252	804940	20.956 ng/ul	99
88) Benzo(k)fluoranthene	23.50	252	774859	21.379 ng/ul	98
90) Benzo(a)pyrene	24.08	252	748605	20.398 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.67	276	812506	17.673 ng/ul	94
92) Dibenzo(a,h)anthracene	26.67	278	676291	17.433 ng/ul	96
93) Benzo(g,h,i)perylene	27.44	276	645780	17.041 ng/ul#	95

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

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