Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040519\
Data File : BM019740.D
Acq On : 05 Apr 2019 09:05
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02097

Manual Integrations APPROVED
Sohil
4/8/2019 6:10:27 PM

Quant Time: Apr 06 00:31:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	134586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	625000	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	377742	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	839482	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	847177	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	756719	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	24673	7.18	ng/uL	0.00
5) Phenol-d5	6.75	99	240709	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	149591	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	182229	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	187444	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	89846	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	105240	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	194041	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	240770	21.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	586020	19.23	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	750111	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	83210	17.42	ng/ul	0.00
58) Fluorene-d10	15.23	176	513049	19.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	93739	16.89	ng/ul	0.00
71) Anthracene-d10	17.09	188	778343	19.32	ng/ul	0.00
79) Pyrene-d10	19.39	212	821522	20.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	754995	18.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	25317	6.473	ng/uL	90
4) Benzaldehyde	6.73	77	174301	20.303	ng/ul	96
6) Phenol	6.77	94	246755	19.730	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.01	93	179241	18.734	ng/ul	98
10) 2-Chlorophenol	7.13	128	185277	20.065	ng/ul	98
11) 2-Methylphenol	8.01	108	177651	20.368	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	174843m	19.279	ng/ul	
14) Acetophenone	8.39	105	295191	20.148	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.37	70	177705	21.644	ng/ul#	85
16) 4-Methylphenol	8.34	108	200972	21.008	ng/ul	97
17) Hexachloroethane	8.61	117	75059	19.341	ng/ul	82
20) Nitrobenzene	8.77	77	243477	18.346	ng/ul	99
21) Isophorone	9.29	82	452852	19.890	ng/ul	98
23) 2-Nitrophenol	9.47	139	111466	20.364	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	233433	19.626	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	263885	19.207	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	192495	20.806	ng/ul	96
28) Naphthalene	10.39	128	615418	19.007	ng/ul	98
30) 4-Chloroaniline	10.53	127	248535	20.996	ng/ul	98
31) Hexachlorobutadiene	10.65	225	107784	18.466	ng/ul	97
32) Caprolactam	11.34	113	62203	22.643	ng/ul	82
33) 4-Chloro-3-methylphenol	11.66	107	218806	21.940	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	452768	19.957	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	426026	19.888	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	218133	18.147	ng/ul#	96
38) Hexachlorocyclopentadiene	12.35	237	74782	12.129	ng/ul	98
39) 2,4,6-Trichlorophenol	12.65	196	152374	20.318	ng/ul	98
40) 2,4,5-Trichlorophenol	12.72	196	154612	19.224	ng/ul	97
41) 1,1'-Biphenyl	13.05	154	597403	18.569	ng/ul#	95
42) 2-Chloronaphthalene	13.09	162	463253	18.802	ng/ul	98
43) 2-Nitroaniline	13.33	65	138308	20.441	ng/ul	93
45) Dimethylphthalate	13.69	163	574295	18.779	ng/ul	98
46) 2,6-Dinitrotoluene	13.83	165	119853	21.349	ng/ul	94
48) Acenaphthylene	13.95	152	726488	19.233	ng/ul	99
49) 3-Nitroaniline	14.17	138	118332	21.540	ng/ul	94
50) Acenaphthene	14.29	153	506310	19.032	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	49843	15.334	ng/ul#	83
53) 4-Nitrophenol	14.49	109	63390	16.952	ng/ul#	80
54) Dibenzofuran	14.63	168	707295	19.038	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	178056	21.418	ng/ul#	56
56) 2,3,4,6-Tetrachlorophenol	14.86	232	135704	20.030	ng/ul#	80
57) Diethylphthalate	15.06	149	593796	19.741	ng/ul	97
59) Fluorene	15.28	166	583660	19.825	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.28	204	281931	19.196	ng/ul	94
61) 4-Nitroaniline	15.34	138	128142	21.369	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.39	198	96862	16.480	ng/ul#	88
65) N-Nitrosodiphenylamine	15.50	169	503236	19.268	ng/ul	99
66) 4-Bromophenyl-phenylether	16.17	248	174498	19.141	ng/ul	95
67) Hexachlorobenzene	16.28	284	207203	18.770	ng/ul#	91
68) Atrazine	16.46	200	172663	18.891	ng/ul	97
69) Pentachlorophenol	16.64	266	104554	18.120	ng/ul	98
70) Phenanthrene	17.03	178	901908	18.949	ng/ul	99
72) Anthracene	17.12	178	943690	19.434	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	214073	17.589	ng/uL	98
74) Pentachlorobenzene	14.54	250	228714	17.966	ng/uL	98
75) Carbazole	17.40	167	838174	19.247	ng/ul	97
76) Di-n-butylphthalate	17.96	149	1008353	20.889	ng/ul	99
77) Fluoranthene	19.06	202	1044580	19.152	ng/ul#	88
80) Pyrene	19.42	202	1057690	20.752	ng/ul#	84
81) Butylbenzylphthalate	20.33	149	497111	24.634	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.12	252	373325	20.285	ng/ul#	98
83) Benzo(a)anthracene	21.18	228	1004438	19.698	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	736366	25.175	ng/ul#	95
85) Chrysene	21.23	228	936534	19.141	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	1249271	26.467	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	892911	19.372	ng/ul#	97
89) Benzo(k)fluoranthene	22.78	252	867669	19.602	ng/ul#	97
91) Benzo(a)pyrene	23.30	252	819545	18.599	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	966890	17.523	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.61	278	815728	17.341	ng/ul#	95
94) Benzo(g,h,i)perylene	26.29	276	790114	17.135	ng/ul#	93

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

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