Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018440.D
Acq On : 07 Jan 2019 12:32
Operator : JU/SJ
Sample : SSTD08006
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08006

Manual Integrations APPROVED
Sohil
1/8/2019 5:38:49 PM

Quant Time: Jan 07 13:11:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 07 12:07:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	351372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1490297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	836580	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1912758	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1998231	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2042082	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	236500	32.11	ng/uL	0.00
5) Phenol-d5	6.95	99	2273897	67.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	1254952	69.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	2036629	76.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	1855230	67.74	ng/ul	0.01
19) Nitrobenzene-d5	8.93	128	954766	77.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	1045141	72.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	1994758	79.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	1535803	69.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	5683956	76.80	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	7143060	79.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	1058768	79.28	ng/ul	0.00
57) Fluorene-d10	15.41	176	4802111	78.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	966069	66.29	ng/ul	0.00
70) Anthracene-d10	17.26	188	7374426	76.30	ng/ul	0.00
78) Pyrene-d10	19.56	212	8097888	84.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	9003871	79.60	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	233656	28.816	ng/uL	96
4) Benzaldehyde	6.92	77	456988	76.680	ng/ul	95
6) Phenol	6.97	94	2183842	65.766	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	1676220	68.731	ng/ul	97
10) 2-Chlorophenol	7.33	128	1974180	74.975	ng/ul	98
11) 2-Methylphenol	8.22	108	1736418	67.011	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	2101181	91.224	ng/ul	98
14) Acetophenone	8.60	105	2733927	66.068	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	1309781	61.807	ng/ul	98
16) 4-Methylphenol	8.55	108	1803989	64.017	ng/ul	99
17) Hexachloroethane	8.83	117	800112	76.754	ng/ul	98
20) Nitrobenzene	8.97	77	1967374	71.043	ng/ul	99
21) Isophorone	9.50	82	3725998	66.947	ng/ul	99
23) 2-Nitrophenol	9.68	139	1095661	73.811	ng/ul	97
24) 2,4-Dimethylphenol	9.74	107	2109240	71.595	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	2252776	68.897	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	1878462	77.359	ng/ul	99
28) Naphthalene	10.61	128	5950664	74.212	ng/ul	99
30) 4-Chloroaniline	10.73	127	1499129	66.429	ng/ul	98
31) Hexachlorobutadiene	10.88	225	1234410	79.282	ng/ul	99
32) Caprolactam	11.54	113	585701m	62.448	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	1918365	68.920	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	4369492	73.445	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	2266438	83.821 ng/ul	97
37) Hexachlorocyclopentadiene	12.56	237	1452837	106.478 ng/ul	96
38) 2,4,6-Trichlorophenol	12.84	196	1503917	81.298 ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	1589195	80.186 ng/ul	99
40) 1,1'-Biphenyl	13.25	154	5466507	77.763 ng/ul	99
41) 2-Chloronaphthalene	13.29	162	4334604	79.116 ng/ul	99
42) 2-Nitroaniline	13.50	65	1168890	75.711 ng/ul	98
44) Dimethylphthalate	13.87	163	5456094	77.435 ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	1164236	78.083 ng/ul	96
47) Acenaphthylene	14.14	152	6482489	75.926 ng/ul	100
48) 3-Nitroaniline	14.34	138	1014388	71.436 ng/ul	99
49) Acenaphthene	14.48	153	4600890	76.504 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	625818	63.047 ng/ul	96
52) 4-Nitrophenol	14.66	109	863553	81.269 ng/ul	98
53) Dibenzofuran	14.82	168	6357667	76.467 ng/ul	100
54) 2,4-Dinitrotoluene	14.79	165	1690727	76.592 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.04	232	1373789	76.323 ng/ul	99
56) Diethylphthalate	15.24	149	5578406	76.485 ng/ul	100
58) Fluorene	15.46	166	5196098	75.215 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	2631071	75.601 ng/ul	98
60) 4-Nitroaniline	15.51	138	1168913	74.799 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.55	198	1002352	67.403 ng/ul	94
64) N-Nitrosodiphenylamine	15.68	169	4559132	72.830 ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	1667647	73.750 ng/ul	94
66) Hexachlorobenzene	16.46	284	1800579	72.302 ng/ul	97
67) Atrazine	16.64	200	1674623	73.175 ng/ul	98
68) Pentachlorophenol	16.81	266	1106331	75.023 ng/ul	96
69) Phenanthrene	17.21	178	8337167	74.666 ng/ul	99
71) Anthracene	17.30	178	8509378	74.051 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	2225657	81.264 ng/uL	99
73) Pentachlorobenzene	14.73	250	2084022	73.071 ng/uL	97
74) Carbazole	17.57	167	7653059	73.189 ng/ul	99
75) Di-n-butylphthalate	18.13	149	9449515	72.222 ng/ul	99
76) Fluoranthene	19.23	202	9872851	76.227 ng/ul	99
79) Pyrene	19.59	202	9795101	81.935 ng/ul	99
80) Butylbenzylphthalate	20.49	149	4493348	78.589 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.27	252	3484801	75.891 ng/ul	98
82) Benzo(a)anthracene	21.34	228	10035356	79.353 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.26	149	6463081	76.897 ng/ul	99
84) Chrysene	21.39	228	9378362	79.473 ng/ul	98
86) Di-n-octyl phthalate	22.16	149	11033523	73.499 ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	10353185	85.074 ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	9524655	78.647 ng/ul	99
90) Benzo(a)pyrene	23.54	252	9705512	80.856 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.97	276	11545003	84.757 ng/ul	100
92) Dibenzo(a,h)anthracene	25.98	278	9563796	82.634 ng/ul	98
93) Benzo(g,h,i)perylene	26.69	276	9555836	84.174 ng/ul	99

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

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