

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
 Data File : BM022676.D
 Acq On : 13 Sep 2019 14:39
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02063

Manual Integrations
 APPROVED

mohammad
 9/17/2019 9:21:05 AM

Quant Time: Sep 14 01:09:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	215743	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	972402	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	627197	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.21	188	1328362	20.00	ng/ul	-0.01
78) Chrysene-d12	21.39	240	1504894	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	1694745	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	37788	7.30	ng/uL	-0.01
5) Phenol-d5	7.00	99	363171	18.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	213852	18.75	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	288966	18.38	ng/ul	-0.02
13) 4-Methylphenol-d8	8.54	113	289660	17.90	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	140866	20.08	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	123531	19.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	290802	17.70	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	424009	19.54	ng/ul	-0.01
44) Dimethylphthalate-d6	13.88	166	903208	17.77	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	1173833	19.29	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.66	143	173763	20.02	ng/ul	0.00
58) Fluorene-d10	15.46	176	804552	18.91	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	119341	19.77	ng/ul	-0.01
71) Anthracene-d10	17.30	188	1294714	19.03	ng/ul	-0.02
79) Pyrene-d10	19.60	212	1463948	17.53	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.53	264	1595549	17.52	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.33	88	38185	7.330	ng/uL 94
4) Benzaldehyde	6.97	77	245019	23.577	ng/ul 98
6) Phenol	7.03	94	377560	18.156	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.26	93	291080	18.430	ng/ul 99
10) 2-Chlorophenol	7.40	128	297295	17.994	ng/ul 99
11) 2-Methylphenol	8.27	108	278942	17.188	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.37	45	424889	18.292	ng/ul 99
14) Acetophenone	8.66	105	471195	18.663	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.65	70	240010	17.600	ng/ul 99
16) 4-Methylphenol	8.60	108	306871	17.512	ng/ul 98
17) Hexachloroethane	8.92	117	119096	18.195	ng/ul 98
20) Nitrobenzene	9.03	77	342424	19.509	ng/ul 96
21) Isophorone	9.56	82	642825	16.344	ng/ul 100
23) 2-Nitrophenol	9.75	139	145594	18.962	ng/ul 98
24) 2,4-Dimethylphenol	9.80	107	332566	17.275	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.04	93	412762	17.898	ng/ul 100
27) 2,4-Dichlorophenol	10.27	162	286425	17.663	ng/ul 98
28) Naphthalene	10.68	128	986376	18.296	ng/ul 100
30) 4-Chloroaniline	10.79	127	424863	19.063	ng/ul 98
31) Hexachlorobutadiene	10.98	225	176971	17.715	ng/ul 99
32) Caprolactam	11.56	113	119459m	19.790	ng/ul
33) 4-Chloro-3-methylphenol	11.91	107	304571	17.020	ng/ul 97
34) 2-Methylnaphthalene	12.29	142	729166	17.952	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	717334	18.484	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	358193	17.700	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	191063	15.315	ng/ul	99
39) 2,4,6-Trichlorophenol	12.90	196	219357	17.316	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	242827	17.676	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	931381	17.833	ng/ul	99
42) 2-Chloronaphthalene	13.34	162	734973	18.587	ng/ul	99
43) 2-Nitroaniline	13.54	65	190736	20.660	ng/ul	95
45) Dimethylphthalate	13.93	163	909553	17.631	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	170385	20.286	ng/ul	99
48) Acenaphthylene	14.19	152	1105738	17.517	ng/ul	100
49) 3-Nitroaniline	14.36	138	196202	21.542	ng/ul#	96
50) Acenaphthene	14.54	153	799316	18.275	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	73433	19.059	ng/ul#	74
53) 4-Nitrophenol	14.67	109	131676	18.877	ng/ul	92
54) Dibenzofuran	14.87	168	1120011	18.451	ng/ul	100
55) 2,4-Dinitrotoluene	14.83	165	259722	21.110	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.09	232	201513	17.659	ng/ul	98
57) Diethylphthalate	15.29	149	913417	17.113	ng/ul	99
59) Fluorene	15.52	166	944696	18.916	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	467599	18.919	ng/ul	98
61) 4-Nitroaniline	15.53	138	230908	22.249	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.59	198	127860	18.301	ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	804052	17.738	ng/ul	100
66) 4-Bromophenyl-phenylether	16.40	248	279944	16.867	ng/ul	98
67) Hexachlorobenzene	16.52	284	323516	17.688	ng/ul	99
68) Atrazine	16.67	200	332674	19.090	ng/ul	100
69) Pentachlorophenol	16.86	266	165002	16.351	ng/ul	99
70) Phenanthrene	17.25	178	1508603	18.548	ng/ul	99
72) Anthracene	17.34	178	1554131	18.602	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	350983	16.972	ng/uL	99
74) Pentachlorobenzene	14.79	250	376940	18.082	ng/uL	99
75) Carbazole	17.60	167	1398552	18.624	ng/ul	99
76) Di-n-butylphthalate	18.18	149	1537680	16.169	ng/ul	100
77) Fluoranthene	19.26	202	1788064	19.372	ng/ul	97
80) Pvrene	19.63	202	1886489	17.322	ng/ul	99
81) Butylbenzylphthalate	20.53	149	685758	14.934	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.30	252	629500	16.449	ng/ul	99
83) Benzo(a)anthracene	21.37	228	2018340	18.080	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.31	149	1095969	15.729	ng/ul	100
85) Chrysene	21.43	228	1887453	18.373	ng/ul	99
87) Di-n-octyl phthalate	22.20	149	1777563	14.652	ng/ul	100
88) Benzo(b)fluoranthene	22.99	252	1992605	17.872	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	2044032	18.865	ng/ul	99
91) Benzo(a)pyrene	23.57	252	1972525	18.542	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.99	276	2266014	18.438	ng/ul	97
93) Dibenzo(a,h)anthracene	26.00	278	1891112	18.491	ng/ul	99
94) Benzo(a,h,i)perylene	26.70	276	1791302	17.743	ng/ul	98

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

