

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
 Data File : BM026618.D
 Acq On : 30 Jun 2020 11:09
 Operator : JU/CG
 Sample : SSTD08001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08001

Manual Integrations
 APPROVED

mohammad
 7/1/2020 8:10:05 AM

Quant Time: Jun 30 11:42:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 30 10:35:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	79015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	332728	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	200996	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	406286	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	397324	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	412694	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	71929	31.93	ng/uL	0.00
5) Phenol-d5	6.57	99	561702	77.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	369748	80.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	421488	71.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	443119	77.34	ng/ul	0.01
19) Nitrobenzene-d5	8.51	128	209895	71.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	235927	72.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	434624	72.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	422128	67.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	1165981	68.99	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	1461123	72.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	203225	72.51	ng/ul	0.01
58) Fluorene-d10	15.02	176	1012243	69.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	217239	81.70	ng/ul	0.00
71) Anthracene-d10	16.87	188	1499278	72.49	ng/ul	0.00
79) Pyrene-d10	19.18	212	1551902	71.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	1639727	71.86	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.98	88	76481	30.617	ng/uL 95
4) Benzaldehyde	6.52	77	207461	49.610	ng/ul 98
6) Phenol	6.59	94	615790	77.252	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.81	93	455925	76.426	ng/ul 99
10) 2-Chlorophenol	6.93	128	456794	71.792	ng/ul 100
11) 2-Methylphenol	7.82	108	441112	76.140	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.90	45	876219	86.048	ng/ul 100
14) Acetophenone	8.18	105	754904	80.278	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.19	70	437455	77.857	ng/ul 99
16) 4-Methylphenol	8.16	108	482731	76.937	ng/ul 96
17) Hexachloroethane	8.41	117	195928	72.502	ng/ul 96
20) Nitrobenzene	8.55	77	609928	75.835	ng/ul 98
21) Isophorone	9.08	82	1068179	71.785	ng/ul 99
23) 2-Nitrophenol	9.25	139	260319	71.899	ng/ul 99
24) 2,4-Dimethylphenol	9.33	107	565233	74.250	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.56	93	620227	71.918	ng/ul 98
27) 2,4-Dichlorophenol	9.78	162	441410	73.122	ng/ul 97
28) Naphthalene	10.16	128	1421125	70.238	ng/ul 99
30) 4-Chloroaniline	10.29	127	441492	68.251	ng/ul 96
31) Hexachlorobutadiene	10.45	225	292174	73.261	ng/ul 99
32) Caprolactam	11.09	113	127723m	67.281	ng/ul
33) 4-Chloro-3-methylphenol	11.44	107	505045	71.958	ng/ul 97
34) 2-Methylnaphthalene	11.79	142	1017162	71.531	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	939272	71.053	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	551528	75.098	ng/ul	99
38) Hexachlorocyclopentadiene	12.15	237	337629	92.005	ng/ul	98
39) 2,4,6-Trichlorophenol	12.43	196	352196	74.139	ng/ul	97
40) 2,4,5-Trichlorophenol	12.51	196	376843	73.517	ng/ul	93
41) 1,1'-Biphenyl	12.84	154	1295727	72.644	ng/ul	98
42) 2-Chloronaphthalene	12.87	162	1010425	73.620	ng/ul	99
43) 2-Nitroaniline	13.10	65	383589	77.556	ng/ul	99
45) Dimethylphthalate	13.50	163	1201715	68.472	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	263312	72.165	ng/ul	99
48) Acenaphthylene	13.73	152	1547699	71.667	ng/ul	99
49) 3-Nitroaniline	13.95	138	221633	67.656	ng/ul	95
50) Acenaphthene	14.08	153	1069097	71.744	ng/ul	99
51) 2,4-Dinitrophenol	14.16	184	161686	86.736	ng/ul	98
53) 4-Nitrophenol	14.29	109	202573	82.789	ng/ul	96
54) Dibenzofuran	14.42	168	1513545	71.945	ng/ul	97
55) 2,4-Dinitrotoluene	14.42	165	375352	71.023	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.66	232	317539	72.532	ng/ul	94
57) Diethylphthalate	14.88	149	1219402	68.710	ng/ul	98
59) Fluorene	15.08	166	1246995	71.814	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.09	204	639119	72.778	ng/ul	98
61) 4-Nitroaniline	15.13	138	259558m	69.795	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	226806	83.016	ng/ul#	98
65) N-Nitrosodiphenylamine	15.30	169	1028992	73.719	ng/ul	99
66) 4-Bromophenyl-phenylether	15.98	248	368882	72.375	ng/ul	96
67) Hexachlorobenzene	16.09	284	411402	72.144	ng/ul	95
68) Atrazine	16.28	200	346269	72.795	ng/ul	99
69) Pentachlorophenol	16.44	266	240248	88.133	ng/ul	99
70) Phenanthrene	16.82	178	1837368	72.104	ng/ul	98
72) Anthracene	16.91	178	1889670	72.350	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	538765	78.335	ng/uL	98
74) Pentachlorobenzene	14.35	250	507474	76.766	ng/uL	98
75) Carbazole	17.19	167	1621601	74.715	ng/ul	99
76) Di-n-butylphthalate	17.77	149	1974768	69.518	ng/ul	99
77) Fluoranthene	18.84	202	2026449	72.791	ng/ul	100
80) Pvrene	19.22	202	2106948	72.127	ng/ul	100
81) Butylbenzylphthalate	20.15	149	849694	68.324	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.92	252	663347	72.267	ng/ul	99
83) Benzo(a)anthracene	20.97	228	1976574	69.833	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.94	149	1281563	68.218	ng/ul	100
85) Chrysene	21.03	228	1924344	70.035	ng/ul	99
87) Di-n-octyl phthalate	21.79	149	2111884	71.287	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	2055067	72.613	ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	1970994	72.402	ng/ul	99
91) Benzo(a)pyrene	22.99	252	1814793	72.789	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.10	276	2378266	72.775	ng/ul	97
93) Dibenzo(a,h)anthracene	25.11	278	2018227	74.012	ng/ul	99
94) Benzo(a,h,i)perylene	25.71	276	1946040	71.286	ng/ul	99

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

