

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070620\
 Data File : BM026658.D
 Acq On : 06 Jul 2020 09:17
 Operator : JU/CG
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02030

Manual Integrations
 APPROVED

mohammad
 7/7/2020 12:02:22 PM

Quant Time: Jul 06 10:14:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 06 10:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	86757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	340137	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	202195	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	418028	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	427396	20.00	ng/ul	0.00
86) Perylene-d12	23.06	264	430053	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	20025	6.94	ng/uL	0.00
5) Phenol-d5	6.56	99	141159	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	101934	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	110950	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	112400	17.69	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	51723	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	56908	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	107667	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	134291	22.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	301887	18.72	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	364066	18.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	41137	17.67	ng/ul	0.00
58) Fluorene-d10	15.02	176	260618	18.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.16	200	42589	16.31	ng/ul	0.00
71) Anthracene-d10	16.86	188	384514	18.68	ng/ul	0.00
79) Pyrene-d10	19.17	212	420625	18.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.93	264	448038	19.30	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.98	88	21620	6.917	ng/uL 93
4) Benzaldehyde	6.51	77	97663	23.146	ng/ul 99
6) Phenol	6.59	94	154694	17.709	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.80	93	122716	18.450	ng/ul 97
10) 2-Chlorophenol	6.92	128	120510	17.906	ng/ul 95
11) 2-Methylphenol	7.81	108	109228	17.501	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	7.88	45	247948	19.216	ng/ul 98
14) Acetophenone	8.17	105	187979	17.460	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.16	70	110728	17.409	ng/ul 96
16) 4-Methylphenol	8.14	108	119069	17.163	ng/ul 94
17) Hexachloroethane	8.40	117	55241	18.522	ng/ul 97
20) Nitrobenzene	8.54	77	160355	18.903	ng/ul 98
21) Isophorone	9.06	82	271130	19.014	ng/ul 99
23) 2-Nitrophenol	9.24	139	63187	19.040	ng/ul 94
24) 2,4-Dimethylphenol	9.32	107	142575	18.656	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.55	93	160899	18.977	ng/ul 99
27) 2,4-Dichlorophenol	9.77	162	106728	18.389	ng/ul 98
28) Naphthalene	10.16	128	369753	18.366	ng/ul 99
30) 4-Chloroaniline	10.28	127	141633	22.537	ng/ul 100
31) Hexachlorobutadiene	10.45	225	81298	19.328	ng/ul 99
32) Caprolactam	11.06	113	29137m	18.177	ng/ul
33) 4-Chloro-3-methylphenol	11.43	107	121668	18.423	ng/ul 98
34) 2-Methylnaphthalene	11.78	142	257139	18.231	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	236295	17.974	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	140176	19.074	ng/ul	98
38) Hexachlorocyclopentadiene	12.14	237	83662	22.307	ng/ul	100
39) 2,4,6-Trichlorophenol	12.42	196	85754	19.766	ng/ul	97
40) 2,4,5-Trichlorophenol	12.50	196	90011	18.971	ng/ul	96
41) 1,1'-Biphenyl	12.83	154	327119	18.691	ng/ul	98
42) 2-Chloronaphthalene	12.86	162	255244	18.528	ng/ul	98
43) 2-Nitroaniline	13.09	65	92116	19.889	ng/ul	98
45) Dimethylphthalate	13.49	163	313565	18.574	ng/ul	99
46) 2,6-Dinitrotoluene	13.60	165	63388	19.428	ng/ul	99
48) Acenaphthylene	13.72	152	387405	18.561	ng/ul	98
49) 3-Nitroaniline	13.93	138	57493	21.199	ng/ul	98
50) Acenaphthene	14.07	153	266829	18.087	ng/ul	97
51) 2,4-Dinitrophenol	14.16	184	36701	21.651	ng/ul	92
53) 4-Nitrophenol	14.27	109	43649	18.219	ng/ul	85
54) Dibenzofuran	14.42	168	382626	18.280	ng/ul	98
55) 2,4-Dinitrotoluene	14.41	165	92215	19.004	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.66	232	78656	19.258	ng/ul	96
57) Diethylphthalate	14.87	149	324274	19.112	ng/ul	97
59) Fluorene	15.07	166	317102	18.542	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.07	204	164311	18.485	ng/ul	100
61) 4-Nitroaniline	15.11	138	59964m	19.548	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.18	198	46647	16.862	ng/ul	97
65) N-Nitrosodiphenylamine	15.29	169	267203	19.117	ng/ul	98
66) 4-Bromophenyl-phenylether	15.97	248	97826	19.412	ng/ul	99
67) Hexachlorobenzene	16.08	284	108570	18.906	ng/ul	97
68) Atrazine	16.27	200	97186	21.342	ng/ul	99
69) Pentachlorophenol	16.43	266	51373	18.141	ng/ul	97
70) Phenanthrene	16.81	178	479783	18.431	ng/ul	99
72) Anthracene	16.90	178	490095	18.660	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	136599	18.953	ng/uL	97
74) Pentachlorobenzene	14.34	250	130290	18.874	ng/uL	98
75) Carbazole	17.18	167	413582	19.667	ng/ul	98
76) Di-n-butylphthalate	17.76	149	547342	21.512	ng/ul	99
77) Fluoranthene	18.84	202	542508	20.148	ng/ul	99
80) Pvrene	19.20	202	578371	19.095	ng/ul	99
81) Butylbenzylphthalate	20.14	149	242479	22.567	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.92	252	176223	20.455	ng/ul	99
83) Benzo(a)anthracene	20.97	228	551346	18.740	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	381895	23.865	ng/ul	99
85) Chrysene	21.02	228	543828	18.632	ng/ul	99
87) Di-n-octyl phthalate	21.78	149	635034	23.964	ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	555429	19.014	ng/ul	98
89) Benzo(k)fluoranthene	22.50	252	561337	19.389	ng/ul	99
91) Benzo(a)pyrene	22.97	252	497687	19.205	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.08	276	648312	19.169	ng/ul	99
93) Dibenzo(a,h)anthracene	25.09	278	548417	19.248	ng/ul	98
94) Benzo(a,h,i)perylene	25.69	276	543170	19.255	ng/ul	99

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

