

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051721\
 Data File : BM030060.D
 Acq On : 17 May 2021 20:30
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD020042

Manual Integrations
 APPROVED

mohammad
 5/19/2021 11:38:02 AM

Quant Time: May 18 01:57:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 15 09:59:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	155924	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	642766	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	395950	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	765740	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	775989	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	816656	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	28775	7.37	ng/uL	0.00
4) Pyridine-d5	3.46	84	160881	16.46	ng/ul	0.00
7) Phenol-d5	6.71	99	243234	16.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.87	67	160202	17.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.06	132	203203	18.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.24	113	195620	16.31	ng/ul	0.00
21) Nitrobenzene-d5	8.68	128	88928	20.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.40	143	100507	20.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	188935	18.85	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	255159	16.72	ng/ul	0.00
46) Dimethylphthalate-d6	13.60	166	540326	17.61	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	716803	18.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.41	143	73274	14.66	ng/ul	0.00
60) Fluorene-d10	15.17	176	463426	17.79	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.32	200	90406	18.18	ng/ul	0.00
73) Anthracene-d10	17.02	188	698823	18.12	ng/ul	0.00
81) Pyrene-d10	19.32	212	762695	19.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.13	264	847030	18.30	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.07	88	33118	7.838	ng/uL 97
5) Pyridine	3.48	79	172507	17.205	ng/ul 92
6) Benzaldehyde	6.68	77	146810m	19.614	ng/ul
8) Phenol	6.74	94	255685	17.271	ng/ul 96
10) Bis(2-Chloroethyl)ether	6.96	93	200386	17.119	ng/ul 97
12) 2-Chlorophenol	7.09	128	207408	18.172	ng/ul 98
13) 2-Methylphenol	7.97	108	187268	16.696	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.05	45	352337	19.983	ng/ul 96
16) Acetophenone	8.35	105	317366	16.492	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.33	70	176538	17.930	ng/ul 96
18) 4-Methylphenol	8.30	108	199698	16.060	ng/ul 95
19) Hexachloroethane	8.58	117	90596	18.788	ng/ul 96
22) Nitrobenzene	8.72	77	244428	21.177	ng/ul 97
23) Isophorone	9.25	82	442614	18.130	ng/ul 98
25) 2-Nitrophenol	9.43	139	112109	20.655	ng/ul 99
26) 2,4-Dimethylphenol	9.49	107	230158	18.792	ng/ul 97
27) Bis(2-Chloroethoxy)methane	9.73	93	264192	18.476	ng/ul 98
29) 2,4-Dichlorophenol	9.96	162	181038	18.389	ng/ul 97
30) Naphthalene	10.35	128	662216	18.561	ng/ul 99
32) 4-Chloroaniline	10.47	127	262953	16.731	ng/ul 99
33) Hexachlorobutadiene	10.63	225	124182	18.813	ng/ul 97
34) Caprolactam	11.27	113	50908	14.570	ng/ul 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.60	107	194471	17.850	ng/ul	98
36) 2-Methylnaphthalene	11.97	142	453590	17.526	ng/ul	99
37) 1-Methylnaphthalene	12.19	142	452538	17.644	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.35	216	230595	18.847	ng/ul	98
40) Hexachlorocyclopentadiene	12.32	237	116546	18.337	ng/ul	99
41) 2,4,6-Trichlorophenol	12.60	196	140784	18.869	ng/ul	98
42) 2,4,5-Trichlorophenol	12.67	196	150205	19.022	ng/ul	99
43) 1,1'-Biphenyl	13.00	154	565822	18.383	ng/ul	98
44) 2-Chloronaphthalene	13.04	162	449102	19.013	ng/ul	100
45) 2-Nitroaniline	13.26	65	128435	21.512	ng/ul	94
47) Dimethylphthalate	13.65	163	547795	17.825	ng/ul	100
48) 2,6-Dinitrotoluene	13.77	165	106186	19.248	ng/ul	96
50) Acenaphthylene	13.89	152	688584	18.306	ng/ul	98
51) 3-Nitroaniline	14.10	138	104416	16.848	ng/ul	91
52) Acenaphthene	14.24	153	484944	18.242	ng/ul	100
53) 2,4-Dinitrophenol	14.32	184	67711	18.040	ng/ul	94
55) 4-Nitrophenol	14.42	109	69419	18.062	ng/ul	92
56) Dibenzofuran	14.57	168	662533	18.196	ng/ul	96
57) 2,4-Dinitrotoluene	14.56	165	153036	18.747	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.81	232	133651	17.774	ng/ul	99
59) Diethylphthalate	15.02	149	554937	17.314	ng/ul	100
61) Fluorene	15.23	166	551493	17.717	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.23	204	267751	17.505	ng/ul	98
63) 4-Nitroaniline	15.27	138	106418m	17.323	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.33	198	89526	18.289	ng/ul	96
67) N-Nitrosodiphenylamine	15.44	169	460712	18.521	ng/ul	97
68) 4-Bromophenyl-phenylether	16.12	248	158230	18.564	ng/ul	96
69) Hexachlorobenzene	16.23	284	183038	18.084	ng/ul	98
70) Atrazine	16.40	200	153832	16.762	ng/ul	99
71) Pentachlorophenol	16.58	266	99993	17.241	ng/ul	99
72) Phenanthrene	16.96	178	821762	18.200	ng/ul	100
74) Anthracene	17.06	178	837597	18.145	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	244767	20.208	ng/uL	97
76) Pentachlorobenzene	14.50	250	218710	18.934	ng/uL	99
77) Carbazole	17.33	167	733507	17.343	ng/ul	99
78) Di-n-butylphthalate	17.90	149	911685	18.161	ng/ul	100
80) Fluoranthene	18.99	202	936324	19.326	ng/ul	98
82) Pyrene	19.35	202	978073	19.184	ng/ul	99
83) Butylbenzylphthalate	20.26	149	392048	21.637	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.04	252	325054	18.412	ng/ul	100
85) Benzo(a)anthracene	21.10	228	951661	18.797	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.04	149	600120	19.209	ng/ul	98
87) Chrysene	21.15	228	943316	18.707	ng/ul	99
89) Di-n-octyl phthalate	21.89	149	1017119	16.276	ng/ul	100
90) Benzo(b)fluoranthene	22.62	252	1007773	19.024	ng/ul	99
91) Benzo(k)fluoranthene	22.66	252	977745	17.556	ng/ul	99
93) Benzo(a)pyrene	23.17	252	896118	18.626	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.40	276	1159961	19.920	ng/ul	99
95) Dibenzo(a,h)anthracene	25.40	278	979954	19.853	ng/ul	100
96) Benzo(g,h,i)perylene	26.05	276	957792	20.301	ng/ul	99

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

