

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061220\
 Data File : BM026378.D
 Acq On : 12 Jun 2020 15:24
 Operator : JU/CG
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV07

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:49:41 AM

Quant Time: Jun 12 16:02:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 12 15:20:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	79777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	334113	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	209529	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	448623	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	472532	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	500981	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	18690	8.22	ng/uL	0.00
5) Phenol-d5	6.62	99	155459	21.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	102245	21.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	119424	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	124830	21.58	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	58340	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	65236	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	119872	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	152291	24.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	351251	19.94	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	422452	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	59401	20.33	ng/ul	0.00
58) Fluorene-d10	15.07	176	297555	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	58452	19.91	ng/ul	0.00
71) Anthracene-d10	16.92	188	460764	20.18	ng/ul	0.00
79) Pyrene-d10	19.22	212	519909	20.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	563976	20.36	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	20797	8.246	ng/uL 98
4) Benzaldehyde	6.57	77	101457	24.030	ng/ul 96
6) Phenol	6.64	94	171753	21.341	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.86	93	129617	21.520	ng/ul 98
10) 2-Chlorophenol	6.98	128	129070	20.091	ng/ul 98
11) 2-Methylphenol	7.87	108	125045	21.378	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	7.95	45	227003	22.080	ng/ul 100
14) Acetophenone	8.23	105	203466	21.430	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.22	70	116457	20.529	ng/ul 96
16) 4-Methylphenol	8.20	108	134066	21.163	ng/ul 96
17) Hexachloroethane	8.46	117	55917	20.494	ng/ul 95
20) Nitrobenzene	8.60	77	162081	20.069	ng/ul 98
21) Isophorone	9.12	82	303145	20.288	ng/ul 98
23) 2-Nitrophenol	9.30	139	73261	20.151	ng/ul 96
24) 2,4-Dimethylphenol	9.38	107	155775	20.378	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.61	93	176835	20.420	ng/ul 99
27) 2,4-Dichlorophenol	9.83	162	122393	20.191	ng/ul 97
28) Naphthalene	10.22	128	406737	20.019	ng/ul 99
30) 4-Chloroaniline	10.34	127	159494	24.554	ng/ul 100
31) Hexachlorobutadiene	10.51	225	79681	19.897	ng/ul 98
32) Caprolactam	11.12	113	40495	21.243	ng/ul 94
33) 4-Chloro-3-methylphenol	11.49	107	143299	20.332	ng/ul 98
34) 2-Methylnaphthalene	11.85	142	284284	19.909	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	265569	20.006	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	152776	19.955	ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	73028	19.090	ng/ul	95
39) 2,4,6-Trichlorophenol	12.48	196	99385	20.069	ng/ul	99
40) 2,4,5-Trichlorophenol	12.56	196	105755	19.791	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	368547	19.821	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	285273	19.939	ng/ul	99
43) 2-Nitroaniline	13.14	65	104504	20.269	ng/ul	98
45) Dimethylphthalate	13.54	163	363236	19.854	ng/ul	100
46) 2,6-Dinitrotoluene	13.66	165	76103	20.008	ng/ul	99
48) Acenaphthylene	13.78	152	444908	19.763	ng/ul	98
49) 3-Nitroaniline	13.98	138	73908	21.643	ng/ul	99
50) Acenaphthene	14.13	153	307073	19.768	ng/ul	98
51) 2,4-Dinitrophenol	14.20	184	35365	18.199	ng/ul	95
53) 4-Nitrophenol	14.32	109	53617	21.020	ng/ul	95
54) Dibenzofuran	14.47	168	434955	19.833	ng/ul	99
55) 2,4-Dinitrotoluene	14.45	165	109946	19.956	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.71	232	90685	19.871	ng/ul	97
57) Diethylphthalate	14.92	149	374319	20.233	ng/ul	99
59) Fluorene	15.12	166	358053	19.780	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	183827	20.080	ng/ul	98
61) 4-Nitroaniline	15.16	138	79719m	20.564	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	61363	20.341	ng/ul	96
65) N-Nitrosodiphenylamine	15.34	169	310804	20.165	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	110675	19.665	ng/ul	99
67) Hexachlorobenzene	16.13	284	124778	19.816	ng/ul	97
68) Atrazine	16.32	200	114165	21.736	ng/ul	97
69) Pentachlorophenol	16.49	266	58217	19.341	ng/ul	99
70) Phenanthrene	16.86	178	563588	20.030	ng/ul	100
72) Anthracene	16.95	178	582003	20.180	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	150219	19.780	ng/uL	97
74) Pentachlorobenzene	14.39	250	149111	20.427	ng/uL	99
75) Carbazole	17.23	167	515665	21.517	ng/ul	99
76) Di-n-butylphthalate	17.82	149	634976	20.244	ng/ul	99
77) Fluoranthene	18.89	202	664852	21.628	ng/ul	98
80) Pvrene	19.25	202	694564	19.993	ng/ul	100
81) Butylbenzylphthalate	20.19	149	290628	19.650	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	244904	22.434	ng/ul	99
83) Benzo(a)anthracene	21.02	228	684281	20.328	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	446114	19.967	ng/ul	98
85) Chrysene	21.07	228	658898	20.164	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	760606	21.150	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	717939	20.897	ng/ul	99
89) Benzo(k)fluoranthene	22.55	252	656849	19.876	ng/ul	100
91) Benzo(a)pyrene	23.04	252	619361	20.464	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	804934	20.290	ng/ul	97
93) Dibenzo(a,h)anthracene	25.19	278	679027	20.513	ng/ul	99
94) Benzo(a,h,i)perylene	25.79	276	676185	20.404	ng/ul	98

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

