

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024493.D
 Acq On : 17 Jan 2020 11:25
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02021

Manual Integrations
 APPROVED

mohammad
 1/21/2020 7:59:27 AM

Quant Time: Jan 17 12:23:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 17 12:17:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	132602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	604195	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	504605	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1269275	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1412554	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1542852	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	20504	7.56	ng/uL	0.00
5) Phenol-d5	6.65	99	177923	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	99330	18.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	170829	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	166255	18.35	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	87999	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	97405	21.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	215426	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	213509	18.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	773592	19.57	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	904052	19.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	126225	19.13	ng/ul	0.00
58) Fluorene-d10	15.11	176	718306	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	132265	18.25	ng/ul	0.00
71) Anthracene-d10	16.96	188	1201208	20.35	ng/ul	0.00
79) Pyrene-d10	19.26	212	1445959	19.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1578560	19.73	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	23483	8.334	ng/uL 88
4) Benzaldehyde	6.61	77	73518	14.103	ng/ul 99
6) Phenol	6.68	94	180692	18.091	ng/ul 95
8) Bis(2-Chloroethyl)ether	6.90	93	143030	18.284	ng/ul 95
10) 2-Chlorophenol	7.03	128	166443	19.812	ng/ul 96
11) 2-Methylphenol	7.90	108	149505	18.263	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	164862	17.833	ng/ul 98
14) Acetophenone	8.27	105	272740	19.173	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.27	70	130467	19.399	ng/ul 95
16) 4-Methylphenol	8.23	108	171870	18.855	ng/ul 95
17) Hexachloroethane	8.52	117	79492	21.203	ng/ul 99
20) Nitrobenzene	8.64	77	205352	19.988	ng/ul 95
21) Isophorone	9.17	82	380098	18.791	ng/ul 97
23) 2-Nitrophenol	9.35	139	105938	21.073	ng/ul 97
24) 2,4-Dimethylphenol	9.42	107	223463	20.481	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.66	93	226739	19.482	ng/ul 99
27) 2,4-Dichlorophenol	9.87	162	209769	20.894	ng/ul 98
28) Naphthalene	10.27	128	622006	20.095	ng/ul 100
30) 4-Chloroaniline	10.38	127	208247	18.416	ng/ul 97
31) Hexachlorobutadiene	10.57	225	175981	22.022	ng/ul 98
32) Caprolactam	11.13	113	59609m	19.710	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	216826	20.778	ng/ul 99
34) 2-Methylnaphthalene	11.89	142	496771	20.683	ng/ul 99

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35) 1-Methylnaphthalene	12.12	142	505366	20.755	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	330296	19.896	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	234637	19.542	ng/ul	97
39) 2,4,6-Trichlorophenol	12.52	196	205254	20.208	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	221460	20.365	ng/ul	100
41) 1,1'-Biphenyl	12.93	154	703554	19.204	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	578099	19.616	ng/ul	98
43) 2-Nitroaniline	13.17	65	136210	20.173	ng/ul	97
45) Dimethylphthalate	13.58	163	799590	19.894	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	157325	20.801	ng/ul	99
48) Acenaphthylene	13.82	152	906922	19.511	ng/ul	99
49) 3-Nitroaniline	14.01	138	103583	16.612	ng/ul	96
50) Acenaphthene	14.17	153	625603	19.885	ng/ul	99
51) 2,4-Dinitrophenol	14.22	184	74612	18.055	ng/ul	95
53) 4-Nitrophenol	14.33	109	136307	22.214	ng/ul	88
54) Dibenzofuran	14.51	168	940358	20.404	ng/ul	99
55) 2,4-Dinitrotoluene	14.47	165	242635	21.457	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.75	232	227432	21.549	ng/ul	97
57) Diethylphthalate	14.96	149	853893	20.691	ng/ul	99
59) Fluorene	15.16	166	797747	20.472	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.17	204	458214	20.615	ng/ul	98
61) 4-Nitroaniline	15.18	138	126427	16.998	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.25	198	143744	18.758	ng/ul#	99
65) N-Nitrosodiphenylamine	15.38	169	692647	19.648	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	299738	19.919	ng/ul	96
67) Hexachlorobenzene	16.17	284	347685	20.120	ng/ul	97
68) Atrazine	16.35	200	292785	19.735	ng/ul	99
69) Pentachlorophenol	16.52	266	203230	19.754	ng/ul	96
70) Phenanthrene	16.90	178	1358803	19.851	ng/ul	100
72) Anthracene	16.99	178	1399432	20.048	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	338699	18.766	ng/uL	98
74) Pentachlorobenzene	14.43	250	375767	19.666	ng/uL	99
75) Carbazole	17.26	167	1174242	19.993	ng/ul	100
76) Di-n-butylphthalate	17.86	149	1516818	20.543	ng/ul	99
77) Fluoranthene	18.92	202	1767642	21.129	ng/ul	98
80) Pvrene	19.29	202	1838137	19.009	ng/ul	99
81) Butylbenzylphthalate	20.23	149	685615	20.188	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.99	252	513026	16.877	ng/ul	96
83) Benzo(a)anthracene	21.05	228	1918283	19.936	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1078059	20.053	ng/ul	99
85) Chrysene	21.10	228	1872782	20.198	ng/ul	99
87) Di-n-octyl phthalate	21.88	149	1817317	17.208	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1967745	19.296	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1945354	19.411	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1774833	20.028	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.26	276	2002808	21.600	ng/ul	98
93) Dibenzo(a,h)anthracene	25.27	278	1701936	21.627	ng/ul	99
94) Benzo(a,h,i)perylene	25.89	276	1619783	21.980	ng/ul	98

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

