

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027250.D
 Acq On : 26 Aug 2020 16:00
 Operator : JU/CG
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02002

Manual Integrations
 APPROVED

mohammad
 8/27/2020 3:13:52 PM

Quant Time: Aug 26 16:41:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 25 15:35:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	173724	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	696638	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	484687	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.98	188	1106708	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1155077	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	923081	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	24285	7.92	ng/uL	0.00
5) Phenol-d5	6.78	99	270657	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	179398	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	213384	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	221623	19.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.74	128	105125	18.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	118642	18.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	247946	18.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	278580	19.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	725170	18.86	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	880163	19.36	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.45	143	125051	19.28	ng/ul	0.00
58) Fluorene-d10	15.23	176	646818	19.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	119827	16.60	ng/ul	-0.01
71) Anthracene-d10	17.08	188	1014836	19.32	ng/ul	0.00
79) Pyrene-d10	19.38	212	1155122	17.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1002432	19.48	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	28204	7.810	ng/uL 91
4) Benzaldehyde	6.75	77	211235	21.288	ng/ul 97
6) Phenol	6.80	94	282689	19.193	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.03	93	234684	19.818	ng/ul 99
10) 2-Chlorophenol	7.17	128	217826	19.658	ng/ul 99
11) 2-Methylphenol	8.04	108	210493	19.219	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	182946	19.954	ng/ul 99
14) Acetophenone	8.41	105	355957	19.646	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.40	70	212263	19.457	ng/ul 98
16) 4-Methylphenol	8.37	108	229602	19.551	ng/ul 95
17) Hexachloroethane	8.66	117	104338	19.976	ng/ul 97
20) Nitrobenzene	8.78	77	323096	19.353	ng/ul 99
21) Isophorone	9.31	82	553376	18.392	ng/ul 99
23) 2-Nitrophenol	9.49	139	128831	18.827	ng/ul 95
24) 2,4-Dimethylphenol	9.56	107	273559	19.000	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.79	93	320913	18.614	ng/ul 98
27) 2,4-Dichlorophenol	10.02	162	243109	19.065	ng/ul 98
28) Naphthalene	10.42	128	715010	19.272	ng/ul 99
30) 4-Chloroaniline	10.52	127	280140	19.763	ng/ul 98
31) Hexachlorobutadiene	10.72	225	182037	18.997	ng/ul 99
32) Caprolactam	11.29	113	69850m	18.275	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	253339	19.002	ng/ul 97
34) 2-Methylnaphthalene	12.04	142	541918	19.229	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	522579	18.998	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	336639	19.425	ng/ul	97
38) Hexachlorocyclopentadiene	12.40	237	194367	16.582	ng/ul	99
39) 2,4,6-Trichlorophenol	12.66	196	210645	19.092	ng/ul	98
40) 2,4,5-Trichlorophenol	12.73	196	226199	19.292	ng/ul	96
41) 1,1'-Biphenyl	13.06	154	724728	19.053	ng/ul	99
42) 2-Chloronaphthalene	13.10	162	596796	19.504	ng/ul	100
43) 2-Nitroaniline	13.30	65	185914	20.160	ng/ul	98
45) Dimethylphthalate	13.70	163	764320	19.150	ng/ul	100
46) 2,6-Dinitrotoluene	13.81	165	159560	19.399	ng/ul	95
48) Acenaphthylene	13.95	152	878084	19.317	ng/ul	99
49) 3-Nitroaniline	14.14	138	140257	20.001	ng/ul	100
50) Acenaphthene	14.30	153	611544	19.203	ng/ul	97
51) 2,4-Dinitrophenol	14.35	184	77826	16.477	ng/ul	98
53) 4-Nitrophenol	14.46	109	125303	20.377	ng/ul	98
54) Dibenzofuran	14.64	168	888180	19.428	ng/ul	98
55) 2,4-Dinitrotoluene	14.60	165	230705	19.700	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.87	232	204641	19.490	ng/ul	98
57) Diethylphthalate	15.07	149	770726	19.371	ng/ul	98
59) Fluorene	15.29	166	746325	19.251	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.29	204	403963	19.070	ng/ul	97
61) 4-Nitroaniline	15.30	138	160299	20.663	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.37	198	128304	16.373	ng/ul#	95
65) N-Nitrosodiphenylamine	15.50	169	629944	18.902	ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	260574	18.781	ng/ul	98
67) Hexachlorobenzene	16.30	284	299098	18.884	ng/ul	97
68) Atrazine	16.46	200	257730	18.844	ng/ul	98
69) Pentachlorophenol	16.64	266	174794	18.792	ng/ul	99
70) Phenanthrene	17.02	178	1219527	19.307	ng/ul	100
72) Anthracene	17.12	178	1241923	19.301	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	321122	18.685	ng/uL	99
74) Pentachlorobenzene	14.56	250	330789	18.637	ng/uL	99
75) Carbazole	17.38	167	1061692	20.016	ng/ul	98
76) Di-n-butylphthalate	17.97	149	1327459	19.557	ng/ul	99
77) Fluoranthene	19.04	202	1508651	19.936	ng/ul	98
80) Pvrene	19.41	202	1537424	17.255	ng/ul	100
81) Butylbenzylphthalate	20.33	149	613102	18.204	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.10	252	507779	18.870	ng/ul	98
83) Benzo(a)anthracene	21.17	228	1474157	19.246	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	901550	18.925	ng/ul	99
85) Chrysene	21.22	228	1416985	19.323	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	1521938	21.163	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1300376	19.761	ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	1310814	20.672	ng/ul	99
91) Benzo(a)pyrene	23.27	252	1124368	19.469	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.54	276	1173077	17.632	ng/ul	99
93) Dibenzo(a,h)anthracene	25.55	278	1004932	17.803	ng/ul	100
94) Benzo(a,h,i)perylene	26.20	276	947275	17.413	ng/ul	99

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

