

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021020\
 Data File : BM024804.D
 Acq On : 10 Feb 2020 12:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02008

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:50:12 AM

Quant Time: Feb 10 16:34:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	297239	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1149122	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	751798	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1564575	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1435907	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1575141	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	48108	7.78	ng/uL	0.00
5) Phenol-d5	6.60	99	394756	19.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	227208	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	359407	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	331172	19.88	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	170491	20.52	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	201328	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	392477	19.82	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	367811	19.85	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	1089988	19.21	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1316699	19.87	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	164244	17.81	ng/ul	0.00
58) Fluorene-d10	15.06	176	953786	18.98	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	186438	18.28	ng/ul	0.00
71) Anthracene-d10	16.91	188	1415312	19.82	ng/ul	0.00
79) Pyrene-d10	19.22	212	1508760	21.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1592935	20.14	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.05	88	48722	7.477	ng/uL 98
4) Benzaldehyde	6.56	77	272299	20.967	ng/ul 96
6) Phenol	6.63	94	410476	19.749	ng/ul 96
8) Bis(2-Chloroethyl)ether	6.85	93	341133	20.326	ng/ul 96
10) 2-Chlorophenol	6.98	128	365722	20.277	ng/ul 100
11) 2-Methylphenol	7.85	108	320618	19.874	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	285651	21.643	ng/ul 98
14) Acetophenone	8.22	105	517218	19.699	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.21	70	256497	20.669	ng/ul 98
16) 4-Methylphenol	8.18	108	343339	19.712	ng/ul 99
17) Hexachloroethane	8.46	117	164035	20.170	ng/ul 95
20) Nitrobenzene	8.58	77	392575	19.898	ng/ul 97
21) Isophorone	9.11	82	713896	19.954	ng/ul 98
23) 2-Nitrophenol	9.29	139	215239	20.367	ng/ul 94
24) 2,4-Dimethylphenol	9.37	107	387111	19.608	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.60	93	460323	20.512	ng/ul 99
27) 2,4-Dichlorophenol	9.82	162	381006	19.478	ng/ul 98
28) Naphthalene	10.21	128	1163227	19.812	ng/ul 98
30) 4-Chloroaniline	10.33	127	364714	19.723	ng/ul 99
31) Hexachlorobutadiene	10.51	225	303971	18.708	ng/ul 99
32) Caprolactam	11.09	113	94340m	18.398	ng/ul
33) 4-Chloro-3-methylphenol	11.47	107	350789	19.327	ng/ul 99
34) 2-Methylnaphthalene	11.83	142	845395	19.547	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	829901	19.241	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	535617	20.147	ng/ul	97
38) Hexachlorocyclopentadiene	12.20	237	331992	17.708	ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	331101	20.233	ng/ul	96
40) 2,4,5-Trichlorophenol	12.54	196	345233	20.185	ng/ul	99
41) 1,1'-Biphenyl	12.88	154	1124262	20.257	ng/ul	99
42) 2-Chloronaphthalene	12.91	162	915196	20.196	ng/ul	99
43) 2-Nitroaniline	13.12	65	198712	20.796	ng/ul	94
45) Dimethylphthalate	13.53	163	1125185	19.006	ng/ul	100
46) 2,6-Dinitrotoluene	13.64	165	236848	19.785	ng/ul	99
48) Acenaphthylene	13.77	152	1361010	19.826	ng/ul	98
49) 3-Nitroaniline	13.96	138	175868	19.504	ng/ul	91
50) Acenaphthene	14.12	153	918449	19.811	ng/ul	97
51) 2,4-Dinitrophenol	14.18	184	119916	16.443	ng/ul	91
53) 4-Nitrophenol	14.29	109	129755	17.229	ng/ul	92
54) Dibenzofuran	14.46	168	1318287	19.076	ng/ul	99
55) 2,4-Dinitrotoluene	14.44	165	330411	19.339	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.70	232	311782	18.655	ng/ul	98
57) Diethylphthalate	14.92	149	1089719	18.603	ng/ul	99
59) Fluorene	15.12	166	1080523	18.972	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	613095	18.696	ng/ul	97
61) 4-Nitroaniline	15.14	138	206063	18.453	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.21	198	202254	18.528	ng/ul	94
65) N-Nitrosodiphenylamine	15.33	169	912646	20.882	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	402446	20.528	ng/ul	98
67) Hexachlorobenzene	16.13	284	462869	19.977	ng/ul	98
68) Atrazine	16.30	200	360661	19.206	ng/ul	99
69) Pentachlorophenol	16.47	266	261375	18.853	ng/ul	98
70) Phenanthrene	16.85	178	1674655	19.631	ng/ul	99
72) Anthracene	16.95	178	1693804	19.578	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	564429	21.970	ng/uL	99
74) Pentachlorobenzene	14.39	250	573590	21.038	ng/uL	99
75) Carbazole	17.22	167	1381925	19.173	ng/ul	100
76) Di-n-butylphthalate	17.81	149	1827525	19.928	ng/ul	99
77) Fluoranthene	18.88	202	1943458	18.558	ng/ul	99
80) Pvrene	19.24	202	2005786	21.103	ng/ul	98
81) Butylbenzylphthalate	20.19	149	769358	21.640	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.95	252	646236	19.253	ng/ul	98
83) Benzo(a)anthracene	21.01	228	1923149	19.883	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1192468	21.190	ng/ul	100
85) Chrysene	21.06	228	1865614	19.592	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	1977243	21.006	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	2040068	20.368	ng/ul	99
89) Benzo(k)fluoranthene	22.55	252	1866436	19.360	ng/ul	100
91) Benzo(a)pyrene	23.04	252	1774166	19.757	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	2243851	20.072	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	1903550	19.985	ng/ul	99
94) Benzo(a,h,i)perylene	25.80	276	1865364	20.062	ng/ul	100

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

