

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021320\
 Data File : BM024879.D
 Acq On : 14 Feb 2020 06:21
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 14 08:08:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 07:45:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	407918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1506653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	931147	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1939988	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1833276	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2038489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	75357	8.89	ng/uL	0.00
5) Phenol-d5	6.59	99	630846	23.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	364330	23.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	537851	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	486103	21.26	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	242844	22.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	286952	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	546167	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	572886	23.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1420912	20.22	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1684133	20.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	237001	20.75	ng/ul	0.00
58) Fluorene-d10	15.04	176	1227165	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	251657	19.90	ng/ul	0.00
71) Anthracene-d10	16.90	188	1845941	20.84	ng/ul	0.00
79) Pyrene-d10	19.20	212	2070967	22.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2166777	21.16	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.07	88	79806	8.924	ng/uL 90
4) Benzaldehyde	6.55	77	260759	14.631	ng/ul 98
6) Phenol	6.62	94	671018	23.525	ng/ul 94
8) Bis(2-Chloroethyl)ether	6.84	93	530452	23.031	ng/ul 99
10) 2-Chlorophenol	6.97	128	564782	22.817	ng/ul 98
11) 2-Methylphenol	7.85	108	495967	22.402	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.93	45	269578	14.883	ng/ul# 73
14) Acetophenone	8.21	105	786278	21.821	ng/ul# 96
15) N-Nitroso-di-n-propylamine	8.20	70	372668	21.882	ng/ul# 86
16) 4-Methylphenol	8.17	108	521920	21.834	ng/ul 98
17) Hexachloroethane	8.45	117	241171	21.608	ng/ul 89
20) Nitrobenzene	8.57	77	606787	23.457	ng/ul 97
21) Isophorone	9.10	82	1082309	23.072	ng/ul 95
23) 2-Nitrophenol	9.27	139	310720	22.425	ng/ul 94
24) 2,4-Dimethylphenol	9.36	107	571206	22.067	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.59	93	687973	23.381	ng/ul 98
27) 2,4-Dichlorophenol	9.81	162	546667	21.315	ng/ul 98
28) Naphthalene	10.19	128	1623556	21.090	ng/ul 99
30) 4-Chloroaniline	10.32	127	596716	24.611	ng/ul 98
31) Hexachlorobutadiene	10.50	225	406279	19.071	ng/ul 97
32) Caprolactam	11.08	113	143509m	21.346	ng/ul
33) 4-Chloro-3-methylphenol	11.46	107	510136	21.437	ng/ul 100
34) 2-Methylnaphthalene	11.82	142	1183460	20.870	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.05	142	1114783	19.712	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	717065	21.777	ng/ul	97
38) Hexachlorocyclopentadiene	12.19	237	455828	19.631	ng/ul	97
39) 2,4,6-Trichlorophenol	12.46	196	455442	22.471	ng/ul	97
40) 2,4,5-Trichlorophenol	12.53	196	476730	22.504	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	1515039	22.040	ng/ul#	97
42) 2-Chloronaphthalene	12.90	162	1206618	21.499	ng/ul	99
43) 2-Nitroaniline	13.11	65	296487	25.053	ng/ul	95
45) Dimethylphthalate	13.52	163	1442299	19.670	ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	317121	21.388	ng/ul	97
48) Acenaphthylene	13.76	152	1763055	20.736	ng/ul	99
49) 3-Nitroaniline	13.95	138	272196	24.373	ng/ul	87
50) Acenaphthene	14.11	153	1206201	21.007	ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	181495	20.093	ng/ul	95
53) 4-Nitrophenol	14.29	109	183737	19.698	ng/ul	92
54) Dibenzofuran	14.44	168	1776938	20.761	ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	438690	20.731	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.69	232	423036	20.437	ng/ul	99
57) Diethylphthalate	14.90	149	1391231	19.176	ng/ul	100
59) Fluorene	15.10	166	1405434	19.924	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.11	204	773844	19.053	ng/ul	96
61) 4-Nitroaniline	15.13	138	280761	20.300	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.20	198	277057	20.469	ng/ul#	97
65) N-Nitrosodiphenylamine	15.32	169	1234272	22.777	ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	512131	21.068	ng/ul	98
67) Hexachlorobenzene	16.12	284	589839	20.531	ng/ul	98
68) Atrazine	16.29	200	459292	19.726	ng/ul	99
69) Pentachlorophenol	16.46	266	368300	21.424	ng/ul	98
70) Phenanthrene	16.84	178	2195312	20.754	ng/ul	99
72) Anthracene	16.93	178	2233261	20.818	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	705475	22.146	ng/uL	98
74) Pentachlorobenzene	14.37	250	704692	20.845	ng/uL	99
75) Carbazole	17.20	167	1929349	21.588	ng/ul	100
76) Di-n-butylphthalate	17.80	149	2289774	20.137	ng/ul	100
77) Fluoranthene	18.87	202	2614315	20.133	ng/ul#	96
80) Pvrene	19.23	202	2664781	21.960	ng/ul#	95
81) Butylbenzylphthalate	20.17	149	1022415	22.525	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.94	252	898149	20.959	ng/ul	98
83) Benzo(a)anthracene	21.00	228	2683152	21.728	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.97	149	1470083	20.461	ng/ul	100
85) Chrysene	21.04	228	2502500	20.584	ng/ul	100
87) Di-n-octyl phthalate	21.82	149	2447159	20.089	ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	2749893	21.214	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	2546240	20.408	ng/ul	99
91) Benzo(a)pyrene	23.02	252	2553609	21.974	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	3059657	21.148	ng/ul	97
93) Dibenzo(a,h)anthracene	25.17	278	2585733	20.976	ng/ul	98
94) Benzo(a,h,i)perylene	25.77	276	2562904	21.299	ng/ul	99

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

