

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111819\
 Data File : BM023775.D
 Acq On : 18 Nov 2019 10:53
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02023

Quant Time: Nov 18 13:49:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 16 03:18:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	415758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1689655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1035300	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2142156	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2277282	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2673945	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	73379	7.28	ng/uL	0.00
5) Phenol-d5	6.72	99	674947	17.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	407466	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	525540	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	519839	17.19	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	245942	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	269597	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	536829	18.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	666187	20.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1477915	18.31	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1776459	19.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	246222	17.87	ng/ul	0.00
58) Fluorene-d10	15.18	176	1299731	18.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	235824	19.03	ng/ul	0.00
71) Anthracene-d10	17.03	188	1990470	19.59	ng/ul	0.00
79) Pyrene-d10	19.34	212	2197721	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2700669	19.19	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.09	88	81685	7.558	ng/uL 95
4) Benzaldehyde	6.68	77	346910	15.603	ng/ul 98
6) Phenol	6.74	94	714917	18.312	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.96	93	558152	18.666	ng/ul 97
10) 2-Chlorophenol	7.09	128	555003	19.603	ng/ul 99
11) 2-Methylphenol	7.98	108	518461	17.792	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.06	45	573131	19.647	ng/ul 97
14) Acetophenone	8.35	105	826232	17.523	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.34	70	446359	18.019	ng/ul 96
16) 4-Methylphenol	8.30	108	557220	17.269	ng/ul 100
17) Hexachloroethane	8.59	117	229822	20.461	ng/ul 91
20) Nitrobenzene	8.72	77	654994	20.483	ng/ul 99
21) Isophorone	9.25	82	1146560	18.380	ng/ul 99
23) 2-Nitrophenol	9.42	139	301979	21.358	ng/ul 99
24) 2,4-Dimethylphenol	9.50	107	612364	18.952	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.73	93	741883	18.951	ng/ul 99
27) 2,4-Dichlorophenol	9.96	162	534615	19.175	ng/ul 99
28) Naphthalene	10.35	128	1733307	19.517	ng/ul 99
30) 4-Chloroaniline	10.47	127	693611	21.201	ng/ul 99
31) Hexachlorobutadiene	10.64	225	364226	19.347	ng/ul 97
32) Caprolactam	11.25	113	145036	16.052	ng/ul 98
33) 4-Chloro-3-methylphenol	11.61	107	557190	18.005	ng/ul 99
34) 2-Methylnaphthalene	11.97	142	1248366	18.376	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	1201573	17.933	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	675498	19.969	ng/ul	98
38) Hexachlorocyclopentadiene	12.33	237	399475	22.544	ng/ul	99
39) 2,4,6-Trichlorophenol	12.60	196	426221	20.434	ng/ul	98
40) 2,4,5-Trichlorophenol	12.67	196	446093	19.638	ng/ul	97
41) 1,1'-Biphenyl	13.01	154	1605213	20.099	ng/ul	99
42) 2-Chloronaphthalene	13.05	162	1253068	20.384	ng/ul	99
43) 2-Nitroaniline	13.26	65	330219	22.584	ng/ul	98
45) Dimethylphthalate	13.65	163	1501684	18.980	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	299373	20.774	ng/ul	98
48) Acenaphthylene	13.90	152	1866867	20.127	ng/ul	100
49) 3-Nitroaniline	14.09	138	276079	20.159	ng/ul	94
50) Acenaphthene	14.24	153	1312605	19.941	ng/ul	100
51) 2,4-Dinitrophenol	14.32	184	149601	16.466	ng/ul	98
53) 4-Nitrophenol	14.42	109	223496	20.095	ng/ul	95
54) Dibenzofuran	14.59	168	1898099	19.479	ng/ul	99
55) 2,4-Dinitrotoluene	14.56	165	438189	19.894	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.82	232	402142	18.703	ng/ul	96
57) Diethylphthalate	15.03	149	1489672	19.187	ng/ul	98
59) Fluorene	15.24	166	1518996	19.215	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.24	204	785778	18.419	ng/ul	98
61) 4-Nitroaniline	15.26	138	292604	17.444	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.33	198	264746	19.649	ng/ul	97
65) N-Nitrosodiphenylamine	15.46	169	1311951	20.875	ng/ul	98
66) 4-Bromophenyl-phenylether	16.13	248	513390	19.610	ng/ul	99
67) Hexachlorobenzene	16.24	284	605331	19.626	ng/ul	98
68) Atrazine	16.42	200	455670	19.354	ng/ul	98
69) Pentachlorophenol	16.59	266	360140	19.694	ng/ul	99
70) Phenanthrene	16.97	178	2384703	20.211	ng/ul	99
72) Anthracene	17.07	178	2435191	20.525	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	656493	21.617	ng/uL	98
74) Pentachlorobenzene	14.51	250	675807	20.141	ng/uL	100
75) Carbazole	17.34	167	2142006	21.658	ng/ul	99
76) Di-n-butylphthalate	17.92	149	2432607	22.305	ng/ul	99
77) Fluoranthene	19.00	202	2805927	22.196	ng/ul	95
80) Pyrene	19.36	202	2898863	19.693	ng/ul	97
81) Butylbenzylphthalate	20.29	149	1124090	24.111	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.06	252	983642	20.582	ng/ul	98
83) Benzo(a)anthracene	21.12	228	3007324	20.020	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1656654	23.535	ng/ul#	98
85) Chrysene	21.17	228	2807408	19.852	ng/ul	100
87) Di-n-octyl phthalate	21.93	149	2759357	21.113	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	3223791	18.913	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	3140313	19.123	ng/ul	99
91) Benzo(a)pyrene	23.20	252	3099789	19.865	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.44	276	3814763	22.862	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	3237443	22.990	ng/ul	100
94) Benzo(g,h,i)perylene	26.09	276	3204754	23.702	ng/ul	99

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

