

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023373.D
 Acq On : 24 Oct 2019 11:22
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Quant Time: Oct 24 11:59:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	465183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1910462	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	1177501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2471323	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2668996	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	3134313	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	80294	8.20	ng/uL	0.00
5) Phenol-d5	6.81	99	733259	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	436342	19.05	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.17	132	571614	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	568145	17.90	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	274187	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	281020	17.61	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.03	165	589794	18.81	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	628918	17.44	ng/ul	-0.01
44) Dimethylphthalate-d6	13.70	166	1653388	18.49	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1977265	19.30	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	285367	18.42	ng/ul	-0.01
58) Fluorene-d10	15.27	176	1441232	19.03	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	170818	11.10	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2244783	19.22	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2528462	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	3017121	18.90	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	84871	8.143	ng/uL 96
4) Benzaldehyde	6.77	77	328677	14.612	ng/ul 99
6) Phenol	6.83	94	762122	18.943	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.06	93	588305	18.753	ng/ul 99
10) 2-Chlorophenol	7.20	128	613771	19.182	ng/ul 99
11) 2-Methylphenol	8.07	108	557991	18.139	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.16	45	845904	18.883	ng/ul 98
14) Acetophenone	8.45	105	899300	18.140	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.44	70	474134	16.929	ng/ul 99
16) 4-Methylphenol	8.40	108	609706	18.080	ng/ul 97
17) Hexachloroethane	8.70	117	244642	18.370	ng/ul 98
20) Nitrobenzene	8.82	77	692437	19.656	ng/ul 100
21) Isophorone	9.35	82	1254897	17.780	ng/ul 99
23) 2-Nitrophenol	9.53	139	316859	18.176	ng/ul 97
24) 2,4-Dimethylphenol	9.60	107	674608	18.739	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.83	93	781257	17.998	ng/ul 98
27) 2,4-Dichlorophenol	10.06	162	579170	18.724	ng/ul 99
28) Naphthalene	10.46	128	1898661	19.390	ng/ul 100
30) 4-Chloroaniline	10.57	127	664169	17.763	ng/ul 99
31) Hexachlorobutadiene	10.76	225	390940	19.363	ng/ul 99
32) Caprolactam	11.35	113	172113	18.125	ng/ul 99
33) 4-Chloro-3-methylphenol	11.70	107	607196	17.803	ng/ul 100
34) 2-Methylnaphthalene	12.08	142	1378202	18.426	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1320101	18.289	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	738638	19.863	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	228335	9.257	ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	465031	19.193	ng/ul	98
40) 2,4,5-Trichlorophenol	12.77	196	497681	19.146	ng/ul	96
41) 1,1'-Biphenyl	13.11	154	1782891	19.526	ng/ul	100
42) 2-Chloronaphthalene	13.15	162	1380145	19.835	ng/ul	99
43) 2-Nitroaniline	13.35	65	373261	19.199	ng/ul	99
45) Dimethylphthalate	13.75	163	1653924	18.422	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	322162	18.113	ng/ul	97
48) Acenaphthylene	14.00	152	2068110	19.477	ng/ul	99
49) 3-Nitroaniline	14.18	138	312370	19.437	ng/ul	94
50) Acenaphthene	14.35	153	1439770	19.276	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	102331	9.545	ng/ul	97
53) 4-Nitrophenol	14.50	109	240012	19.461	ng/ul	97
54) Dibenzofuran	14.68	168	2066202	19.316	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	471789	18.299	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.91	232	444580	18.751	ng/ul	97
57) Diethylphthalate	15.12	149	1670729	18.448	ng/ul	99
59) Fluorene	15.33	166	1669787	19.145	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	857338	18.597	ng/ul	100
61) 4-Nitroaniline	15.34	138	359824	20.059	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.42	198	192220	11.377	ng/ul#	94
65) N-Nitrosodiphenylamine	15.54	169	1465128	18.794	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	568426	18.015	ng/ul	98
67) Hexachlorobenzene	16.34	284	669142	18.530	ng/ul	99
68) Atrazine	16.50	200	517294	18.157	ng/ul	97
69) Pentachlorophenol	16.68	266	387585	18.070	ng/ul	99
70) Phenanthrene	17.07	178	2711408	19.632	ng/ul	99
72) Anthracene	17.16	178	2786089	19.910	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	714103	19.287	ng/uL	98
74) Pentachlorobenzene	14.60	250	741615	18.692	ng/uL	99
75) Carbazole	17.43	167	2466958	20.913	ng/ul	100
76) Di-n-butylphthalate	18.02	149	2825050	19.080	ng/ul	99
77) Fluoranthene	19.09	202	3233071	22.443	ng/ul	99
80) Pvrene	19.45	202	3323271	17.633	ng/ul	99
81) Butylbenzylphthalate	20.37	149	1322714	17.142	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.14	252	925073	14.492	ng/ul	98
83) Benzo(a)anthracene	21.20	228	3426526	19.196	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1910428	17.660	ng/ul	99
85) Chrysene	21.26	228	3206234	19.467	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	3266566	17.719	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	3663463	18.199	ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	3512983	18.585	ng/ul	100
91) Benzo(a)pyrene	23.32	252	3451050	18.936	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	4242276	21.498	ng/ul	100
93) Dibenzo(a,h)anthracene	25.63	278	3541250	21.283	ng/ul	98
94) Benzo(a,h,i)perylene	26.28	276	3501917	21.813	ng/ul	99

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

