

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032719\
 Data File : BM019506.D
 Acq On : 27 Mar 2019 15:51
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02076

Quant Time: Mar 28 05:10:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	97339	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.37	136	442178	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.25	164	266260	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	598377	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	722877	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	872363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	17393	7.00	ng/uL	-0.02
5) Phenol-d5	6.77	99	165962	19.15	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	107544	18.53	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	130636	19.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	130302	20.03	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	61738	19.57	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	71592	20.39	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	135777	20.50	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	161965	20.36	ng/ul	-0.01
44) Dimethylphthalate-d6	13.67	166	417184	19.42	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	519475	19.34	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	62670	18.61	ng/ul	0.00
58) Fluorene-d10	15.25	176	354878	19.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	72920	18.43	ng/ul	0.00
71) Anthracene-d10	17.11	188	552235	19.23	ng/ul	0.00
79) Pyrene-d10	19.42	212	600772	17.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	869188	18.79	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	17604	6.223	ng/uL 95
4) Benzaldehyde	6.76	77	122203	19.681	ng/ul 96
6) Phenol	6.80	94	174070	19.244	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.03	93	129205	18.672	ng/ul 99
10) 2-Chlorophenol	7.16	128	132548	19.847	ng/ul 96
11) 2-Methylphenol	8.04	108	128247	20.330	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.11	45	124062	18.914	ng/ul# 80
14) Acetophenone	8.42	105	204221	19.273	ng/ul# 93
15) N-Nitroso-di-n-propylamine	8.40	70	122463	20.623	ng/ul# 87
16) 4-Methylphenol	8.37	108	142899	20.654	ng/ul 97
17) Hexachloroethane	8.64	117	52809	18.815	ng/ul 85
20) Nitrobenzene	8.80	77	163971	17.463	ng/ul 96
21) Isophorone	9.32	82	325511	20.208	ng/ul 99
23) 2-Nitrophenol	9.50	139	77844	20.102	ng/ul# 89
24) 2,4-Dimethylphenol	9.56	107	159048	18.901	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.80	93	183778	18.907	ng/ul 98
27) 2,4-Dichlorophenol	10.03	162	132031	20.171	ng/ul 94
28) Naphthalene	10.42	128	426620	18.624	ng/ul 99
30) 4-Chloroaniline	10.56	127	171153	20.437	ng/ul 98
31) Hexachlorobutadiene	10.67	225	75982	18.400	ng/ul 96
32) Caprolactam	11.37	113	43850	22.562	ng/ul# 79
33) 4-Chloro-3-methylphenol	11.68	107	146560	20.772	ng/ul 98
34) 2-Methylnaphthalene	12.05	142	309998	19.314	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	293179	19.345	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	155743	18.382	ng/ul#	95
38) Hexachlorocyclopentadiene	12.37	237	53158	12.232	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.67	196	105597	19.976	ng/ul	96
40) 2,4,5-Trichlorophenol	12.75	196	112702	19.880	ng/ul	99
41) 1,1'-Biphenyl	13.07	154	405349	17.874	ng/ul#	96
42) 2-Chloronaphthalene	13.12	162	315709	18.179	ng/ul	98
43) 2-Nitroaniline	13.35	65	93812	19.670	ng/ul	99
45) Dimethylphthalate	13.72	163	413012	19.160	ng/ul#	98
46) 2,6-Dinitrotoluene	13.85	165	82385	20.819	ng/ul	97
48) Acenaphthylene	13.97	152	499839	18.773	ng/ul	99
49) 3-Nitroaniline	14.19	138	80805	20.868	ng/ul#	96
50) Acenaphthene	14.32	153	342989	18.291	ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	40014	17.464	ng/ul#	88
53) 4-Nitrophenol	14.50	109	43742	16.596	ng/ul#	70
54) Dibenzofuran	14.65	168	489894	18.707	ng/ul	96
55) 2,4-Dinitrotoluene	14.65	165	125399	21.400	ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	14.89	232	97604	20.439	ng/ul#	87
57) Diethylphthalate	15.09	149	415471	19.595	ng/ul	98
59) Fluorene	15.30	166	395590	19.063	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	194256	18.765	ng/ul	94
61) 4-Nitroaniline	15.36	138	85860	20.313	ng/ul	85
64) 4,6-Dinitro-2-methylphenol	15.42	198	76993	18.378	ng/ul	95
65) N-Nitrosodiphenylamine	15.52	169	351628	18.888	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	124061	19.092	ng/ul	97
67) Hexachlorobenzene	16.30	284	148507	18.873	ng/ul	93
68) Atrazine	16.49	200	125221	19.221	ng/ul	97
69) Pentachlorophenol	16.66	266	76372	18.569	ng/ul	99
70) Phenanthrene	17.05	178	632311	18.637	ng/ul	99
72) Anthracene	17.14	178	654208	18.901	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	151665	17.482	ng/uL	98
74) Pentachlorobenzene	14.56	250	162757	17.936	ng/uL	96
75) Carbazole	17.43	167	586746	18.902	ng/ul	98
76) Di-n-butylphthalate	17.98	149	721446	20.967	ng/ul	99
77) Fluoranthene	19.08	202	752253	19.350	ng/ul#	87
80) Pyrene	19.44	202	782894	18.002	ng/ul#	86
81) Butylbenzylphthalate	20.35	149	369306	21.447	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.14	252	331637	21.118	ng/ul#	98
83) Benzo(a)anthracene	21.20	228	828443	19.041	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	558142	22.363	ng/ul	96
85) Chrysene	21.25	228	792258	18.977	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	1006488	18.497	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	956936	18.009	ng/ul#	97
89) Benzo(k)fluoranthene	22.81	252	902595	17.688	ng/ul#	97
91) Benzo(a)pyrene	23.33	252	940391	18.512	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.66	276	1272435	20.003	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.67	278	1076122	19.843	ng/ul#	97
94) Benzo(g,h,i)perylene	26.34	276	1070885	20.145	ng/ul#	94

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

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