

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112719\
 Data File : BM023910.D
 Acq On : 27 Nov 2019 13:06
 Operator : JU
 Sample : SST000502
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0005020

Quant Time: Nov 27 15:53:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 15:25:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	367561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1485087	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	909565	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1889680	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1887001	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2255554	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	15799	1.77	ng/uL	0.01
5) Phenol-d5	6.69	99	146474	4.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	88492	4.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	118130	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	114110	4.27	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	54170	5.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	59341	5.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	114509	4.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	112497	4.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	346689	4.89	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	391556	4.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	44367	3.66	ng/ul	0.00
58) Fluorene-d10	15.15	176	296989	4.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	41397	3.79	ng/ul	0.00
71) Anthracene-d10	17.00	188	445446	4.97	ng/ul	0.00
79) Pyrene-d10	19.31	212	471949	4.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	565724	4.77	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.08	88	16083	1.683	ng/uL# 89
4) Benzaldehyde	6.65	77	98450	5.009	ng/ul 99
6) Phenol	6.71	94	148449	4.301	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.93	93	124279	4.701	ng/ul 99
10) 2-Chlorophenol	7.06	128	121543	4.856	ng/ul 99
11) 2-Methylphenol	7.95	108	107890	4.188	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.03	45	132475	5.137	ng/ul 98
14) Acetophenone	8.32	105	174301	4.181	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.30	70	96265	4.396	ng/ul 99
16) 4-Methylphenol	8.27	108	120876	4.237	ng/ul 99
17) Hexachloroethane	8.56	117	51742	5.211	ng/ul 94
20) Nitrobenzene	8.69	77	135025	4.804	ng/ul 97
21) Isophorone	9.22	82	249000	4.541	ng/ul 100
23) 2-Nitrophenol	9.39	139	62806	5.054	ng/ul 99
24) 2,4-Dimethylphenol	9.46	107	133685	4.707	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.70	93	157374	4.574	ng/ul 99
27) 2,4-Dichlorophenol	9.93	162	111830	4.564	ng/ul 97
28) Naphthalene	10.32	128	389359	4.988	ng/ul 99
30) 4-Chloroaniline	10.44	127	113285	3.940	ng/ul 99
31) Hexachlorobutadiene	10.60	225	74725	4.516	ng/ul 98
32) Caprolactam	11.25	113	24135	3.039	ng/ul 97
33) 4-Chloro-3-methylphenol	11.58	107	118070	4.341	ng/ul 99
34) 2-Methylnaphthalene	11.94	142	279033	4.673	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	275883	4.685	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	137704	4.633	ng/ul	100
38) Hexachlorocyclopentadiene	12.30	237	28535	1.833	ng/ul	98
39) 2,4,6-Trichlorophenol	12.57	196	84970	4.637	ng/ul	98
40) 2,4,5-Trichlorophenol	12.66	196	91137	4.567	ng/ul	98
41) 1,1'-Biphenyl	12.98	154	363286	5.178	ng/ul	98
42) 2-Chloronaphthalene	13.02	162	277676	5.141	ng/ul	99
43) 2-Nitroaniline	13.23	65	64168	4.995	ng/ul	94
45) Dimethylphthalate	13.62	163	342549	4.928	ng/ul	100
46) 2,6-Dinitrotoluene	13.74	165	56922	4.496	ng/ul#	89
48) Acenaphthylene	13.87	152	405226	4.973	ng/ul	99
49) 3-Nitroaniline	14.07	138	44798	3.723	ng/ul	93
50) Acenaphthene	14.22	153	296622	5.129	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	17044	2.135	ng/ul	92
53) 4-Nitrophenol	14.40	109	32605	3.337	ng/ul	96
54) Dibenzofuran	14.56	168	422596	4.936	ng/ul	100
55) 2,4-Dinitrotoluene	14.54	165	86608	4.476	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	14.79	232	80328	4.252	ng/ul	94
57) Diethylphthalate	15.00	149	340250	4.988	ng/ul	100
59) Fluorene	15.21	166	338393	4.872	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.21	204	169908	4.533	ng/ul	98
61) 4-Nitroaniline	15.24	138	46599	3.162	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.31	198	43715	3.678	ng/ul#	90
65) N-Nitrosodiphenylamine	15.43	169	290080	5.232	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	109193	4.728	ng/ul	97
67) Hexachlorobenzene	16.22	284	130116	4.782	ng/ul	96
68) Atrazine	16.39	200	95673	4.607	ng/ul	99
69) Pentachlorophenol	16.57	266	56297	3.490	ng/ul	96
70) Phenanthrene	16.94	178	535001	5.140	ng/ul	99
72) Anthracene	17.04	178	541375	5.173	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	136571	5.098	ng/uL	99
74) Pentachlorobenzene	14.48	250	148025	5.001	ng/uL	99
75) Carbazole	17.32	167	449149	5.148	ng/ul	99
76) Di-n-butylphthalate	17.89	149	561919	5.841	ng/ul	99
77) Fluoranthene	18.97	202	587324	5.267	ng/ul	100
80) Pyrene	19.34	202	622448	5.103	ng/ul	99
81) Butylbenzylphthalate	20.26	149	240247	6.219	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.04	252	192688	4.866	ng/ul	97
83) Benzo(a)anthracene	21.10	228	620813	4.988	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	359495	6.163	ng/ul	99
85) Chrysene	21.15	228	603205	5.148	ng/ul	99
87) Di-n-octyl phthalate	21.91	149	606337	5.500	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	679073	4.723	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	632886	4.569	ng/ul	100
91) Benzo(a)pyrene	23.17	252	640284	4.864	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.39	276	795591	5.653	ng/ul	99
93) Dibenzo(a,h)anthracene	25.40	278	661989	5.573	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	680285	5.965	ng/ul	100

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

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