

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023099.D
 Acq On : 10 Oct 2019 00:31
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02004

Quant Time: Oct 10 01:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	184569	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	765265	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	446500	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	848510	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	856689	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	990885	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	35781	8.38	ng/uL	0.00
5) Phenol-d5	6.94	99	298687	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	171624	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	248240	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	237764	17.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	114717	19.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	119325	18.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	246815	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	285168	18.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	638242	18.42	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	782273	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	114688	16.75	ng/ul	0.00
58) Fluorene-d10	15.40	176	551932	18.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	85673	15.52	ng/ul	0.00
71) Anthracene-d10	17.24	188	818147	19.75	ng/ul	0.00
79) Pyrene-d10	19.54	212	876053	19.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	997735	19.46	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	35320	8.366	ng/uL 98
4) Benzaldehyde	6.92	77	108308	14.655	ng/ul 99
6) Phenol	6.96	94	320475	18.746	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.19	93	246019	19.028	ng/ul 97
10) 2-Chlorophenol	7.33	128	268871	19.087	ng/ul 100
11) 2-Methylphenol	8.21	108	238205	18.078	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	337072	19.717	ng/ul 99
14) Acetophenone	8.59	105	376985	18.470	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.57	70	186743	17.813	ng/ul 98
16) 4-Methylphenol	8.54	108	263473	18.084	ng/ul 100
17) Hexachloroethane	8.85	117	103408	19.316	ng/ul 99
20) Nitrobenzene	8.96	77	279513	20.274	ng/ul 98
21) Isophorone	9.49	82	497746	18.326	ng/ul 100
23) 2-Nitrophenol	9.67	139	141750	19.218	ng/ul 99
24) 2,4-Dimethylphenol	9.73	107	276685	19.266	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.97	93	331484	19.136	ng/ul 99
27) 2,4-Dichlorophenol	10.20	162	248713	19.137	ng/ul 99
28) Naphthalene	10.60	128	819165	19.821	ng/ul 100
30) 4-Chloroaniline	10.72	127	309309	18.826	ng/ul 98
31) Hexachlorobutadiene	10.90	225	154482	19.645	ng/ul 100
32) Caprolactam	11.50	113	63258	15.033	ng/ul 96
33) 4-Chloro-3-methylphenol	11.84	107	240550	17.978	ng/ul 98
34) 2-Methylnaphthalene	12.22	142	584214	18.854	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.44	142	559658	18.911	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.59	216	304379	20.778	ng/ul	99
38) Hexachlorocyclopentadiene	12.57	237	206700	22.512	ng/ul	100
39) 2,4,6-Trichlorophenol	12.83	196	188766	19.428	ng/ul	99
40) 2,4,5-Trichlorophenol	12.90	196	204962	19.342	ng/ul	98
41) 1,1'-Biphenyl	13.24	154	737906	20.184	ng/ul	100
42) 2-Chloronaphthalene	13.28	162	567091	20.289	ng/ul	99
43) 2-Nitroaniline	13.48	65	140714	19.413	ng/ul	95
45) Dimethylphthalate	13.86	163	660536	18.556	ng/ul	100
46) 2,6-Dinitrotoluene	13.98	165	129391	18.230	ng/ul	99
48) Acenaphthylene	14.13	152	854360	19.781	ng/ul	99
49) 3-Nitroaniline	14.31	138	118937	17.275	ng/ul	100
50) Acenaphthene	14.47	153	592219	19.683	ng/ul	100
51) 2,4-Dinitrophenol	14.52	184	62596	13.818	ng/ul	98
53) 4-Nitrophenol	14.62	109	86515	17.289	ng/ul	100
54) Dibenzofuran	14.80	168	831461	19.349	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	185929	17.754	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.03	232	168544	18.078	ng/ul	99
57) Diethylphthalate	15.23	149	640629	17.925	ng/ul	100
59) Fluorene	15.46	166	662213	19.070	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	330913	18.799	ng/ul	98
61) 4-Nitroaniline	15.47	138	128624	16.538	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.53	198	97215	15.743	ng/ul	98
65) N-Nitrosodiphenylamine	15.66	169	562902	20.183	ng/ul	100
66) 4-Bromophenyl-phenylether	16.34	248	205789	20.104	ng/ul	99
67) Hexachlorobenzene	16.46	284	232560	20.377	ng/ul	99
68) Atrazine	16.61	200	185860	18.228	ng/ul	99
69) Pentachlorophenol	16.80	266	128187	17.313	ng/ul	99
70) Phenanthrene	17.19	178	1008422	19.913	ng/ul	100
72) Anthracene	17.28	178	1023402	19.833	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	296091	22.360	ng/uL	99
74) Pentachlorobenzene	14.73	250	283424	21.443	ng/uL	99
75) Carbazole	17.54	167	910069	19.844	ng/ul	100
76) Di-n-butylphthalate	18.12	149	992291	18.352	ng/ul	100
77) Fluoranthene	19.20	202	1140264	20.020	ng/ul	99
80) Pvrene	19.57	202	1188062	19.563	ng/ul	99
81) Butylbenzylphthalate	20.47	149	436054	17.459	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.24	252	360963	18.496	ng/ul	99
83) Benzo(a)anthracene	21.31	228	1217418	19.793	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	632593	17.826	ng/ul	99
85) Chrysene	21.36	228	1139341	20.091	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	1055721	15.666	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	1257102	19.117	ng/ul	99
89) Benzo(k)fluoranthene	22.94	252	1203432	19.129	ng/ul	100
91) Benzo(a)pyrene	23.48	252	1206748	19.561	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.84	276	1465314	22.362	ng/ul	99
93) Dibenzo(a,h)anthracene	25.86	278	1223860	22.326	ng/ul	99
94) Benzo(a,h,i)perylene	26.54	276	1211577	22.918	ng/ul	99

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

