

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122719\
 Data File : BM024341.D
 Acq On : 27 Dec 2019 23:56
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02001

Quant Time: Dec 28 03:23:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 27 23:52:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	234121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	961073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.08	164	558684	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1129288	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1068881	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1248819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	48587	9.17	ng/uL	0.00
5) Phenol-d5	6.62	99	389848	17.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	258636	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	298035	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	298781	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	137520	19.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	154457	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	288235	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	347064	19.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	794844	19.24	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	982134	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	110330	14.87	ng/ul	0.00
58) Fluorene-d10	15.08	176	684877	18.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	114046	16.55	ng/ul	0.00
71) Anthracene-d10	16.94	188	1007734	19.61	ng/ul	0.00
79) Pyrene-d10	19.24	212	1039203	20.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1216593	19.61	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	53158	9.055	ng/uL 92
4) Benzaldehyde	6.57	77	288142	20.106	ng/ul 99
6) Phenol	6.65	94	407981	17.823	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.86	93	329107	18.555	ng/ul 95
10) 2-Chlorophenol	6.99	128	307276	18.950	ng/ul 97
11) 2-Methylphenol	7.87	108	292380	17.179	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	394841	19.328	ng/ul 99
14) Acetophenone	8.24	105	468941	17.160	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.23	70	264741	17.536	ng/ul 97
16) 4-Methylphenol	8.20	108	317511	16.803	ng/ul 97
17) Hexachloroethane	8.47	117	136254	20.358	ng/ul 98
20) Nitrobenzene	8.61	77	397484	20.706	ng/ul 99
21) Isophorone	9.14	82	695090	19.373	ng/ul 99
23) 2-Nitrophenol	9.32	139	166793	19.953	ng/ul 88
24) 2,4-Dimethylphenol	9.39	107	349286	19.369	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.62	93	433678	19.456	ng/ul 98
27) 2,4-Dichlorophenol	9.85	162	279847	19.370	ng/ul 98
28) Naphthalene	10.23	128	978933	19.438	ng/ul 99
30) 4-Chloroaniline	10.36	127	350434	19.366	ng/ul 100
31) Hexachlorobutadiene	10.51	225	179881	20.140	ng/ul 100
32) Caprolactam	11.16	113	82699	15.149	ng/ul 94
33) 4-Chloro-3-methylphenol	11.50	107	312861	18.047	ng/ul 97
34) 2-Methylnaphthalene	11.86	142	658983	18.306	ng/ul 99

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35) 1-Methylnaphthalene	12.08	142	666258	18.133	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	317934	21.052	ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	167670	24.639	ng/ul	94
39) 2,4,6-Trichlorophenol	12.50	196	207578	20.782	ng/ul	99
40) 2,4,5-Trichlorophenol	12.58	196	210927	19.589	ng/ul	97
41) 1,1'-Biphenyl	12.90	154	836655	20.062	ng/ul	99
42) 2-Chloronaphthalene	12.94	162	671777	20.503	ng/ul	99
43) 2-Nitroaniline	13.17	65	205001	21.340	ng/ul	93
45) Dimethylphthalate	13.55	163	812540	18.924	ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	161413	19.085	ng/ul	96
48) Acenaphthylene	13.79	152	1049786	19.975	ng/ul	100
49) 3-Nitroaniline	14.01	138	152512	19.000	ng/ul	94
50) Acenaphthene	14.14	153	706562	19.553	ng/ul	98
51) 2,4-Dinitrophenol	14.24	184	89166	18.760	ng/ul	95
53) 4-Nitrophenol	14.35	109	93826	15.863	ng/ul	91
54) Dibenzofuran	14.49	168	961378	19.137	ng/ul	97
55) 2,4-Dinitrotoluene	14.49	165	237026	18.557	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	14.73	232	175331	18.012	ng/ul	96
57) Diethylphthalate	14.93	149	831758	19.054	ng/ul	99
59) Fluorene	15.14	166	798778	18.828	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.14	204	388913	18.852	ng/ul	95
61) 4-Nitroaniline	15.19	138	140345	15.835	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.26	198	119771	16.278	ng/ul	93
65) N-Nitrosodiphenylamine	15.36	169	660563	20.118	ng/ul	99
66) 4-Bromophenyl-phenylether	16.04	248	241524	20.121	ng/ul	97
67) Hexachlorobenzene	16.15	284	287365	19.551	ng/ul	98
68) Atrazine	16.33	200	228739	18.741	ng/ul	98
69) Pentachlorophenol	16.50	266	117348	15.236	ng/ul	97
70) Phenanthrene	16.88	178	1222746	19.340	ng/ul	99
72) Anthracene	16.97	178	1240300	19.514	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	315297	22.246	ng/uL	98
74) Pentachlorobenzene	14.40	250	327737	20.996	ng/uL	97
75) Carbazole	17.25	167	1042315	19.090	ng/ul	97
76) Di-n-butylphthalate	17.83	149	1336053	20.403	ng/ul	99
77) Fluoranthene	18.91	202	1350001	19.591	ng/ul	100
80) Pvrene	19.27	202	1407852	20.175	ng/ul	99
81) Butylbenzylphthalate	20.20	149	598436	21.768	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.98	252	461518	19.450	ng/ul	100
83) Benzo(a)anthracene	21.04	228	1331785	19.556	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	893908	21.820	ng/ul	100
85) Chrysene	21.09	228	1305190	19.553	ng/ul	100
87) Di-n-octyl phthalate	21.84	149	1504618	22.299	ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1440472	19.278	ng/ul	98
89) Benzo(k)fluoranthene	22.59	252	1458709	19.896	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1343711	19.878	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1755883	21.633	ng/ul	100
93) Dibenzo(a,h)anthracene	25.27	278	1471139	21.618	ng/ul	99
94) Benzo(a,h,i)perylene	25.90	276	1467447	22.143	ng/ul	99

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

