

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020494.D
 Acq On : 22 May 2019 13:57
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02024

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:44:22 AM

Quant Time: May 22 14:47:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	57068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	219427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	138958	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	356496	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	375961	20.00	ng/ul	0.01
85) Perylene-d12	23.63	264	440925	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	13391	8.66	ng/uL	-0.01
5) Phenol-d5	6.91	99	97063	21.32	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	61424	21.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	71997	21.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	70978	21.41	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	33290	23.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	39301	24.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	82474	24.77	ng/ul	0.02
29) 4-Chloroaniline-d4	10.67	131	79829	23.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	233341	23.34	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	288420	23.06	ng/ul	0.01
51) 4-Nitrophenol-d4	14.64	143	31186	21.48	ng/ul	0.04
57) Fluorene-d10	15.38	176	202982	22.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	40714	20.05	ng/ul	0.02
70) Anthracene-d10	17.24	188	341056	22.30	ng/ul	0.01
78) Pyrene-d10	19.54	212	410403	22.66	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.48	264	433798	21.65	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	14401	8.925	ng/uL 91
4) Benzaldehyde	6.89	77	73347	18.807	ng/ul 97
6) Phenol	6.94	94	97991	20.461	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.16	93	75543	20.872	ng/ul 99
10) 2-Chlorophenol	7.29	128	73060	21.441	ng/ul 97
11) 2-Methylphenol	8.18	108	69915	21.480	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.25	45	50811m	20.645	ng/ul
14) Acetophenone	8.56	105	120091	21.216	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.53	70	68960	21.349	ng/ul 98
16) 4-Methylphenol	8.51	108	75653	21.456	ng/ul 93
17) Hexachloroethane	8.79	117	33142	20.595	ng/ul 95
20) Nitrobenzene	8.94	77	105912	22.778	ng/ul 96
21) Isophorone	9.46	82	186261	23.151	ng/ul 97
23) 2-Nitrophenol	9.65	139	39617	23.262	ng/ul 95
24) 2,4-Dimethylphenol	9.70	107	89856	23.006	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.94	93	99253	22.806	ng/ul 98
27) 2,4-Dichlorophenol	10.19	162	80211	24.761	ng/ul 99
28) Naphthalene	10.57	128	223191	22.139	ng/ul 99
30) 4-Chloroaniline	10.70	127	83403	23.714	ng/ul 99
31) Hexachlorobutadiene	10.83	225	64163	22.757	ng/ul 99
32) Caprolactam	11.52	113	23458m	25.375	ng/ul
33) 4-Chloro-3-methylphenol	11.84	107	80791	24.677	ng/ul 94
34) 2-Methylnaphthalene	12.19	142	163887	22.452	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	117389	23.433	ng/ul	97
37) Hexachlorocyclopentadiene	12.52	237	57500	19.183	ng/ul	100
38) 2,4,6-Trichlorophenol	12.82	196	71967	24.586	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	76520	26.459	ng/ul	100
40) 1,1'-Biphenyl	13.21	154	226455	22.764	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	180353	22.771	ng/ul	98
42) 2-Nitroaniline	13.49	65	51101	25.190	ng/ul	90
44) Dimethylphthalate	13.84	163	232498	23.508	ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	41889	24.263	ng/ul	96
47) Acenaphthylene	14.11	152	267214	22.659	ng/ul	99
48) 3-Nitroaniline	14.32	138	35233	24.290	ng/ul	94
49) Acenaphthene	14.45	153	180868	22.310	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	25202	23.567	ng/ul	96
52) 4-Nitrophenol	14.65	109	32880	21.667	ng/ul	93
53) Dibenzofuran	14.79	168	280945	22.884	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	66297	25.095	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.02	232	71053	24.412	ng/ul#	96
56) Diethylphthalate	15.20	149	222995	23.312	ng/ul	99
58) Fluorene	15.44	166	223887	22.764	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	134673	23.338	ng/ul	97
60) 4-Nitroaniline	15.49	138	31319	19.851	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	41727	19.749	ng/ul#	95
64) N-Nitrosodiphenylamine	15.65	169	194535	22.054	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	87434	22.479	ng/ul	94
66) Hexachlorobenzene	16.44	284	102102	22.399	ng/ul	97
67) Atrazine	16.60	200	86863	24.057	ng/ul	99
68) Pentachlorophenol	16.80	266	50782	19.145	ng/ul	97
69) Phenanthrene	17.19	178	370626	21.819	ng/ul	100
71) Anthracene	17.27	178	386194	22.351	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	119160	21.885	ng/ul	99
73) Pentachlorobenzene	14.70	250	117552	22.185	ng/ul	98
74) Carbazole	17.56	167	329622	22.475	ng/ul	98
75) Di-n-butylphthalate	18.09	149	396797	24.926	ng/ul	99
76) Fluoranthene	19.21	202	489103	22.795	ng/ul	98
79) Pvrene	19.57	202	492332	21.817	ng/ul	99
80) Butylbenzylphthalate	20.46	149	182281	25.763	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.26	252	155121	22.511	ng/ul	96
82) Benzo(a)anthracene	21.32	228	520058	22.983	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	262115	25.523	ng/ul#	96
84) Chrysene	21.37	228	490812	22.697	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	453874	21.196	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	549120	21.821	ng/ul	97
88) Benzo(k)fluoranthene	22.98	252	515999	20.876	ng/ul	99
90) Benzo(a)pyrene	23.53	252	523062	22.087	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.96	276	646992	23.976	ng/ul	99
92) Dibenzo(a,h)anthracene	25.96	278	553268	23.975	ng/ul	98
93) Benzo(g,h,i)perylene	26.67	276	544409	24.372	ng/ul	98

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

