

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020398.D
 Acq On : 18 May 2019 12:24
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Manual Integrations
 APPROVED

mohammad

5/20/2019 2:47:48 PM

Quant Time: May 20 07:19:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	54466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	204295	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	130715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	321672	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	359838	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	397851	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	13582	9.20	ng/uL	0.00
5) Phenol-d5	6.90	99	89930	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	59414	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	70606	22.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	64267	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	29795	22.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	30125	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	70581	22.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	66711	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	208060	22.12	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	260451	22.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	24723	18.10	ng/ul	0.00
57) Fluorene-d10	15.37	176	190350	22.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	31540	17.21	ng/ul	0.00
70) Anthracene-d10	17.23	188	310459	22.50	ng/ul	0.00
78) Pyrene-d10	19.53	212	351713	20.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	401444	22.20	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	15444	10.028	ng/uL 97
4) Benzaldehyde	6.89	77	74143	19.919	ng/ul 98
6) Phenol	6.92	94	95658	20.928	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.16	93	73461	21.267	ng/ul 99
10) 2-Chlorophenol	7.29	128	71661	22.035	ng/ul 97
11) 2-Methylphenol	8.17	108	63103	20.313	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	48188	20.515	ng/ul 98
14) Acetophenone	8.56	105	113429	20.997	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.54	70	62344	20.222	ng/ul 98
16) 4-Methylphenol	8.50	108	69359	20.610	ng/ul 99
17) Hexachloroethane	8.79	117	35031	22.809	ng/ul 97
20) Nitrobenzene	8.94	77	99233	22.923	ng/ul 97
21) Isophorone	9.46	82	167159	22.316	ng/ul 99
23) 2-Nitrophenol	9.65	139	33643	21.217	ng/ul 92
24) 2,4-Dimethylphenol	9.69	107	80527	22.145	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.94	93	87635	21.628	ng/ul 99
27) 2,4-Dichlorophenol	10.17	162	71323	23.648	ng/ul 97
28) Naphthalene	10.57	128	210709	22.449	ng/ul 98
30) 4-Chloroaniline	10.69	127	70251	21.454	ng/ul 98
31) Hexachlorobutadiene	10.83	225	62935	23.975	ng/ul 96
32) Caprolactam	11.52	113	15340m	17.823	ng/ul
33) 4-Chloro-3-methylphenol	11.81	107	67806	22.245	ng/ul 94
34) 2-Methylnaphthalene	12.19	142	148022	21.781	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	109261	23.186	ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	48868	17.331	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	60467	21.960	ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	61362	22.555	ng/ul	97
40) 1,1'-Biphenyl	13.21	154	203500	21.746	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	166244	22.314	ng/ul	99
42) 2-Nitroaniline	13.47	65	36233	18.988	ng/ul	98
44) Dimethylphthalate	13.84	163	205840	22.125	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	33608	20.694	ng/ul	92
47) Acenaphthylene	14.10	152	241202	21.743	ng/ul	99
48) 3-Nitroaniline	14.31	138	24236	17.762	ng/ul	99
49) Acenaphthene	14.44	153	167042	21.903	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	13798	13.716	ng/ul	92
52) 4-Nitrophenol	14.61	109	26337	18.449	ng/ul	92
53) Dibenzofuran	14.78	168	263762	22.839	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	54140	21.785	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.01	232	61258	22.374	ng/ul#	95
56) Diethylphthalate	15.20	149	199656	22.188	ng/ul	98
58) Fluorene	15.43	166	207251	22.401	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	126641	23.330	ng/ul	98
60) 4-Nitroaniline	15.47	138	27281	18.382	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	32190	16.885	ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	175473	22.046	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	77991	22.222	ng/ul	94
66) Hexachlorobenzene	16.42	284	93941	22.840	ng/ul	97
67) Atrazine	16.60	200	64418	19.773	ng/ul	98
68) Pentachlorophenol	16.77	266	48817	20.396	ng/ul	98
69) Phenanthrene	17.17	178	342432	22.342	ng/ul	100
71) Anthracene	17.26	178	348046	22.324	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	111026	22.599	ng/uL	97
73) Pentachlorobenzene	14.69	250	109741	22.953	ng/uL	95
74) Carbazole	17.54	167	279069	21.088	ng/ul	100
75) Di-n-butylphthalate	18.09	149	304708	21.214	ng/ul	99
76) Fluoranthene	19.19	202	426124	22.010	ng/ul	100
79) Pvrene	19.56	202	447767	20.732	ng/ul	99
80) Butylbenzylphthalate	20.46	149	121321	17.915	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	125883	19.087	ng/ul	92
82) Benzo(a)anthracene	21.31	228	475726	21.965	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	184905	18.812	ng/ul	100
84) Chrysene	21.36	228	463947	22.416	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	337932	17.490	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	492558	21.692	ng/ul	99
88) Benzo(k)fluoranthene	22.95	252	497794	22.320	ng/ul	99
90) Benzo(a)pyrene	23.49	252	478437	22.390	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	582118	23.907	ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	498431	23.938	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	472239	23.430	ng/ul	99

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

