

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021447.D
 Acq On : 12 Jul 2019 02:53
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02035

Manual Integrations
 APPROVED

mohammad
 7/12/2019 10:25:54 PM

Quant Time: Jul 12 12:19:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	185604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	727655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	428574	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	951573	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	950398	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1050856	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	28604	7.59	ng/uL	0.00
5) Phenol-d5	6.90	99	266385	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	154631	18.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	228428	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	215916	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	108051	18.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	118481	17.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	246880	18.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	269685	22.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	671416	17.89	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	877767	18.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	97646	16.42	ng/ul	0.00
57) Fluorene-d10	15.37	176	597757	17.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	101283	15.83	ng/ul	0.00
70) Anthracene-d10	17.23	188	914763	18.51	ng/ul	0.00
78) Pyrene-d10	19.52	212	966428	18.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1038165	17.18	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.29	88	31061	7.843	ng/uL 97
4) Benzaldehyde	6.89	77	184817	23.721	ng/ul 98
6) Phenol	6.93	94	270997	19.619	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.17	93	208254	19.499	ng/ul 98
10) 2-Chlorophenol	7.30	128	228468	19.138	ng/ul 99
11) 2-Methylphenol	8.17	108	207109	19.677	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	265580m	20.393	ng/ul
14) Acetophenone	8.56	105	343773	19.855	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.54	70	169386	19.510	ng/ul 97
16) 4-Methylphenol	8.50	108	221286	19.829	ng/ul 97
17) Hexachloroethane	8.79	117	103084	19.748	ng/ul 99
20) Nitrobenzene	8.93	77	263104	19.598	ng/ul 99
21) Isophorone	9.46	82	462232	19.425	ng/ul 99
23) 2-Nitrophenol	9.64	139	128060	18.973	ng/ul 97
24) 2,4-Dimethylphenol	9.70	107	259209	19.739	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.94	93	290740	19.588	ng/ul 99
27) 2,4-Dichlorophenol	10.17	162	240932	19.485	ng/ul 100
28) Naphthalene	10.56	128	734438	19.394	ng/ul 100
30) 4-Chloroaniline	10.69	127	271104	23.207	ng/ul 99
31) Hexachlorobutadiene	10.83	225	177771	19.454	ng/ul 98
32) Caprolactam	11.49	113	71160	22.053	ng/ul 92
33) 4-Chloro-3-methylphenol	11.82	107	225139	19.561	ng/ul 98
34) 2-Methylnaphthalene	12.18	142	540389	19.359	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	329239	19.753	ng/ul	98
37) Hexachlorocyclopentadiene	12.52	237	156273	18.430	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.80	196	195374	19.696	ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	203787	19.383	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	700203	19.521	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	566865	19.719	ng/ul	99
42) 2-Nitroaniline	13.47	65	118650	18.889	ng/ul	100
44) Dimethylphthalate	13.84	163	675828	19.336	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	121853	19.145	ng/ul	94
47) Acenaphthylene	14.09	152	794281	19.372	ng/ul	99
48) 3-Nitroaniline	14.30	138	106059	18.524	ng/ul	97
49) Acenaphthene	14.44	153	580103	19.471	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	55705	14.553	ng/ul	96
52) 4-Nitrophenol	14.61	109	81359	18.363	ng/ul	96
53) Dibenzofuran	14.77	168	831589	19.268	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	185391	18.991	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.00	232	181874	19.410	ng/ul	98
56) Diethylphthalate	15.20	149	642996	19.161	ng/ul	99
58) Fluorene	15.43	166	672295	19.254	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	373536	19.142	ng/ul	99
60) 4-Nitroaniline	15.47	138	109128	18.563	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	105743	16.616	ng/ul	98
64) N-Nitrosodiphenylamine	15.64	169	565499	19.977	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	232141	19.717	ng/ul	98
66) Hexachlorobenzene	16.42	284	277486	19.824	ng/ul	99
67) Atrazine	16.60	200	242022	23.142	ng/ul	99
68) Pentachlorophenol	16.78	266	137662	18.657	ng/ul	99
69) Phenanthrene	17.17	178	1048115	19.534	ng/ul	100
71) Anthracene	17.26	178	1065008	19.502	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	317549	20.357	ng/uL	99
73) Pentachlorobenzene	14.69	250	335444	20.875	ng/uL	98
74) Carbazole	17.54	167	875929	19.324	ng/ul	99
75) Di-n-butylphthalate	18.09	149	991414	19.091	ng/ul	100
76) Fluoranthene	19.19	202	1211185	19.010	ng/ul	100
79) Pvrene	19.55	202	1245764	19.806	ng/ul	99
80) Butylbenzylphthalate	20.45	149	423269	18.997	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.24	252	386687	18.299	ng/ul	99
82) Benzo(a)anthracene	21.30	228	1270143	19.515	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	622744	19.001	ng/ul	99
84) Chrysene	21.35	228	1186899	19.398	ng/ul	100
86) Di-n-octyl phthalate	22.11	149	1074867	18.935	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1294264	19.764	ng/ul	99
88) Benzo(k)fluoranthene	22.94	252	1273886	19.530	ng/ul	100
90) Benzo(a)pyrene	23.47	252	1231763	19.474	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.85	276	1536838	19.670	ng/ul	99
92) Dibenzo(a,h)anthracene	25.86	278	1297156	19.749	ng/ul	99
93) Benzo(g,h,i)perylene	26.55	276	1264266	19.613	ng/ul	100

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

