

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043140.D
 Acq On : 10 Oct 2019 16:42
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02035

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:33:10 AM

Quant Time: Oct 10 17:23:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 11:52:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	212724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	156135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	372336	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	395750	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	461104	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7489	7.28	ng/uL	0.00
5) Phenol-d5	7.22	99	71361	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	40410	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	59142	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	63067	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	30818	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	36552	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	73528	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	77789	20.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	247630	19.73	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	282735	20.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	33013	19.83	ng/ul	0.00
57) Fluorene-d10	15.67	176	211662	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	45403	19.01	ng/ul	0.00
70) Anthracene-d10	17.52	188	359277	20.43	ng/ul	0.00
78) Pyrene-d10	19.80	212	403335	20.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	457192	20.06	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.53	88	7485	6.884	ng/uL 97
4) Benzaldehyde	7.19	77	49153	19.672	ng/ul 90
6) Phenol	7.25	94	73821	19.673	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.47	93	56845	20.535	ng/ul 93
10) 2-Chlorophenol	7.62	128	62109	20.038	ng/ul 95
11) 2-Methylphenol	8.50	108	59659	19.745	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	86876	20.565	ng/ul 98
14) Acetophenone	8.87	105	99691	19.806	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.86	70	52486	19.978	ng/ul 98
16) 4-Methylphenol	8.83	108	62429	18.983	ng/ul 82
17) Hexachloroethane	9.14	117	27817	20.273	ng/ul 86
20) Nitrobenzene	9.26	77	77047	20.155	ng/ul 95
21) Isophorone	9.78	82	154718	19.828	ng/ul 97
23) 2-Nitrophenol	9.97	139	38445	20.920	ng/ul 94
24) 2,4-Dimethylphenol	10.03	107	81063	20.083	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.26	93	80196	19.679	ng/ul 97
27) 2,4-Dichlorophenol	10.51	162	66511	19.515	ng/ul 96
28) Naphthalene	10.91	128	218076	20.069	ng/ul 98
30) 4-Chloroaniline	11.02	127	79001	20.608	ng/ul 96
31) Hexachlorobutadiene	11.20	225	58811	19.295	ng/ul 95
32) Caprolactam	11.78	113	24184m	20.147	ng/ul
33) 4-Chloro-3-methylphenol	12.14	107	72463	20.039	ng/ul 95
34) 2-Methylnaphthalene	12.51	142	164414	19.760	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	111999	20.629	ng/ul#	91
37) Hexachlorocyclopentadiene	12.86	237	60281	17.071	ng/ul	89
38) 2,4,6-Trichlorophenol	13.12	196	65729	21.168	ng/ul#	93
39) 2,4,5-Trichlorophenol	13.19	196	77308m	20.609	ng/ul	
40) 1,1'-Biphenyl	13.51	154	232801	20.608	ng/ul	96
41) 2-Chloronaphthalene	13.55	162	181673	21.047	ng/ul	97
42) 2-Nitroaniline	13.76	65	51325	21.329	ng/ul	90
44) Dimethylphthalate	14.13	163	240526	19.839	ng/ul	98
45) 2,6-Dinitrotoluene	14.24	165	51888	20.762	ng/ul	94
47) Acenaphthylene	14.40	152	280707	20.456	ng/ul	98
48) 3-Nitroaniline	14.58	138	43600	21.057	ng/ul	93
49) Acenaphthene	14.74	153	202696	20.667	ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	22322	16.710	ng/ul	89
52) 4-Nitrophenol	14.90	109	40982	23.792	ng/ul	99
53) Dibenzofuran	15.07	168	287593	20.433	ng/ul	100
54) 2,4-Dinitrotoluene	15.03	165	77419	20.989	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.30	232	71176	20.434	ng/ul	97
56) Diethylphthalate	15.48	149	246630	19.656	ng/ul	99
58) Fluorene	15.73	166	244141	20.447	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.71	204	139683	20.366	ng/ul	99
60) 4-Nitroaniline	15.75	138	50232	19.717	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.80	198	48670	20.060	ng/ul#	96
64) N-Nitrosodiphenylamine	15.93	169	217317	20.935	ng/ul	98
65) 4-Bromophenyl-phenylether	16.61	248	97443	20.110	ng/ul	98
66) Hexachlorobenzene	16.73	284	109923	20.231	ng/ul	98
67) Atrazine	16.87	200	90212	19.820	ng/ul	93
68) Pentachlorophenol	17.08	266	49423	19.063	ng/ul	97
69) Phenanthrene	17.46	178	389624	20.273	ng/ul	99
71) Anthracene	17.55	178	402575	20.243	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	113063	20.984	ng/ul	97
73) Pentachlorobenzene	15.00	250	121443	20.595	ng/ul	97
74) Carbazole	17.82	167	348493	20.501	ng/ul	99
75) Di-n-butylphthalate	18.38	149	412295	19.752	ng/ul	99
76) Fluoranthene	19.47	202	504623	20.580	ng/ul	98
79) Pvrene	19.83	202	508030	20.873	ng/ul	99
80) Butylbenzylphthalate	20.71	149	191968	20.950	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.59	252	187152	19.441	ng/ul#	98
82) Benzo(a)anthracene	21.67	228	526943	19.899	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	272492	20.731	ng/ul	99
84) Chrysene	21.74	228	495476	19.883	ng/ul	99
86) Di-n-octyl phthalate	22.79	149	464594	21.276	ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	552722	20.142	ng/ul	99
88) Benzo(k)fluoranthene	23.95	252	516403	19.256	ng/ul	98
90) Benzo(a)pyrene	24.76	252	530127	20.184	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.57	276	634313	19.924	ng/ul	99
92) Dibenzo(a,h)anthracene	28.63	278	537020	19.882	ng/ul	99
93) Benzo(g,h,i)perylene	29.70	276	534594	19.808	ng/ul	99

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

