

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042218.D
 Acq On : 14 Aug 2019 20:18
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02058

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:12:18 PM

Quant Time: Aug 15 14:54:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68311	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	280642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	193470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	406611	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	402798	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	466730	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	10476	6.71	ng/uL	0.00
5) Phenol-d5	7.18	99	100532	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	49319	16.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	91110	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	83803	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	43666	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	54783	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	107229	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	116033	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	296576	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	354888	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	44228	17.55	ng/ul	0.00
57) Fluorene-d10	15.68	176	266514	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	49648	19.03	ng/ul	0.00
70) Anthracene-d10	17.54	188	400176	20.51	ng/ul	0.00
78) Pyrene-d10	19.83	212	451493	20.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	506521	20.77	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.45	88	10883	6.728	ng/uL 90
4) Benzaldehyde	7.15	77	43796	17.290	ng/ul 91
6) Phenol	7.21	94	104879	18.953	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.44	93	76977	18.285	ng/ul 88
10) 2-Chlorophenol	7.59	128	92342	19.876	ng/ul 97
11) 2-Methylphenol	8.47	108	83698	18.865	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.55	45	101903	14.310	ng/ul# 93
14) Acetophenone	8.85	105	128692	18.591	ng/ul# 90
15) N-Nitroso-di-n-propylamine	8.83	70	59169	16.180	ng/ul 95
16) 4-Methylphenol	8.80	108	88944	18.557	ng/ul 94
17) Hexachloroethane	9.12	117	33630	17.481	ng/ul 86
20) Nitrobenzene	9.23	77	89179	18.534	ng/ul 95
21) Isophorone	9.76	82	167601	17.470	ng/ul 94
23) 2-Nitrophenol	9.96	139	57381	21.896	ng/ul 92
24) 2,4-Dimethylphenol	10.01	107	101612	19.653	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.24	93	108091	18.978	ng/ul 99
27) 2,4-Dichlorophenol	10.50	162	105691	21.524	ng/ul 97
28) Naphthalene	10.90	128	289879	20.204	ng/ul 98
30) 4-Chloroaniline	11.00	127	117232	21.230	ng/ul 98
31) Hexachlorobutadiene	11.19	225	80322	21.545	ng/ul 95
32) Caprolactam	11.75	113	26978m	16.981	ng/ul
33) 4-Chloro-3-methylphenol	12.14	107	93143	19.252	ng/ul 97
34) 2-Methylnaphthalene	12.51	142	230668	20.228	ng/ul 99

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36) 1,2,4,5-Tetrachlorobenzene	12.88	216	151318	21.875	ng/ul#	98
37) Hexachlorocyclopentadiene	12.86	237	80749	18.490	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.12	196	93716	21.892	ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	101419	21.239	ng/ul	98
40) 1,1'-Biphenyl	13.52	154	297663	21.159	ng/ul	97
41) 2-Chloronaphthalene	13.56	162	241035	21.278	ng/ul	100
42) 2-Nitroaniline	13.76	65	50581m	17.069	ng/ul	
44) Dimethylphthalate	14.13	163	291710	19.580	ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	66518	20.526	ng/ul	91
47) Acenaphthylene	14.41	152	352651	20.385	ng/ul	99
48) 3-Nitroaniline	14.59	138	52563	20.339	ng/ul	96
49) Acenaphthene	14.75	153	244696	20.229	ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	32496	18.326	ng/ul	98
52) 4-Nitrophenol	14.90	109	30405	16.285	ng/ul	88
53) Dibenzofuran	15.09	168	365160	20.227	ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	92723	19.679	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	88964	19.659	ng/ul#	97
56) Diethylphthalate	15.50	149	278305	18.779	ng/ul	97
58) Fluorene	15.74	166	289805	19.930	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	170473	20.189	ng/ul	97
60) 4-Nitroaniline	15.75	138	52504	18.235	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.81	198	53195	18.927	ng/ul	95
64) N-Nitrosodiphenylamine	15.94	169	262028	21.721	ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	117210	21.774	ng/ul	96
66) Hexachlorobenzene	16.75	284	118346	21.890	ng/ul	92
67) Atrazine	16.89	200	102814	20.336	ng/ul	98
68) Pentachlorophenol	17.09	266	59038	20.049	ng/ul	97
69) Phenanthrene	17.48	178	461477	20.731	ng/ul	100
71) Anthracene	17.57	178	468908	20.769	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	152428	23.524	ng/ul	99
73) Pentachlorobenzene	15.01	250	152091	23.215	ng/ul	99
74) Carbazole	17.84	167	396640	21.209	ng/ul	99
75) Di-n-butylphthalate	18.40	149	454020	19.697	ng/ul	99
76) Fluoranthene	19.49	202	559387	21.749	ng/ul	98
79) Pvrene	19.86	202	553313	20.422	ng/ul	96
80) Butylbenzylphthalate	20.74	149	203014	19.036	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.61	252	211275	23.077	ng/ul	96
82) Benzo(a)anthracene	21.70	228	568178	20.344	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	287174	19.736	ng/ul	100
84) Chrysene	21.77	228	528721	20.284	ng/ul	98
86) Di-n-octyl phthalate	22.83	149	497729	21.554	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	595325	20.325	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	572523	20.330	ng/ul	99
90) Benzo(a)pyrene	24.84	252	569410	20.401	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	601447	18.475	ng/ul	98
92) Dibenzo(a,h)anthracene	28.79	278	506017	19.056	ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	450292	16.567	ng/ul	99

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

