

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042194.D
 Acq On : 14 Aug 2019 4:12
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:11:20 PM

Quant Time: Aug 14 08:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	83825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	344491	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	237029	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	498215	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	488786	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	568498	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	12894	6.73	ng/uL	0.00
5) Phenol-d5	7.18	99	125995	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	61905	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	112969	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	105829	19.16	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	54022	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	67992	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	132876	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	144314	21.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	365410	19.88	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	437850	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	54246	17.57	ng/ul	0.00
57) Fluorene-d10	15.68	176	331613	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	60039	18.78	ng/ul	0.00
70) Anthracene-d10	17.54	188	493356	20.64	ng/ul	0.00
78) Pyrene-d10	19.82	212	558533	20.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	619336	20.85	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.44	88	13338	6.720	ng/uL# 88
4) Benzaldehyde	7.15	77	54262	17.457	ng/ul 94
6) Phenol	7.21	94	130611	19.235	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.43	93	95353	18.458	ng/ul 89
10) 2-Chlorophenol	7.59	128	112869	19.798	ng/ul 96
11) 2-Methylphenol	8.47	108	102562	18.839	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.56	45	125485	14.360	ng/ul# 92
14) Acetophenone	8.85	105	160468	18.891	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.83	70	74119	16.517	ng/ul 95
16) 4-Methylphenol	8.80	108	112600	19.145	ng/ul 90
17) Hexachloroethane	9.12	117	41753	17.686	ng/ul 88
20) Nitrobenzene	9.24	77	108620	18.391	ng/ul 92
21) Isophorone	9.76	82	206998	17.578	ng/ul 94
23) 2-Nitrophenol	9.95	139	70930	22.050	ng/ul 92
24) 2,4-Dimethylphenol	10.01	107	124222	19.573	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.25	93	129679	18.548	ng/ul 98
27) 2,4-Dichlorophenol	10.49	162	128020	21.239	ng/ul 98
28) Naphthalene	10.90	128	357594	20.305	ng/ul 99
30) 4-Chloroaniline	11.01	127	142254	20.987	ng/ul 99
31) Hexachlorobutadiene	11.19	225	97398	21.283	ng/ul 97
32) Caprolactam	11.76	113	35654m	18.283	ng/ul
33) 4-Chloro-3-methylphenol	12.13	107	113378	19.091	ng/ul 97
34) 2-Methylnaphthalene	12.51	142	285133	20.370	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	186785	22.040	ng/ul#	98
37) Hexachlorocyclopentadiene	12.86	237	58356	10.907	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.11	196	115074	21.941	ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	124321	21.251	ng/ul	98
40) 1,1'-Biphenyl	13.51	154	362814	21.051	ng/ul	98
41) 2-Chloronaphthalene	13.56	162	295192	21.270	ng/ul	99
42) 2-Nitroaniline	13.76	65	63832	17.582	ng/ul#	81
44) Dimethylphthalate	14.13	163	357688	19.596	ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	82646	20.816	ng/ul	91
47) Acenaphthylene	14.41	152	429932	20.285	ng/ul	98
48) 3-Nitroaniline	14.58	138	63054	19.915	ng/ul	98
49) Acenaphthene	14.75	153	300717	20.291	ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	36926	16.997	ng/ul	95
52) 4-Nitrophenol	14.89	109	36874	16.121	ng/ul	92
53) Dibenzofuran	15.08	168	444036	20.076	ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	114799	19.887	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	109166	19.690	ng/ul	98
56) Diethylphthalate	15.50	149	341360	18.800	ng/ul	97
58) Fluorene	15.74	166	354025	19.872	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.72	204	207506	20.059	ng/ul	99
60) 4-Nitroaniline	15.75	138	60565	17.169	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.81	198	63841	18.538	ng/ul	98
64) N-Nitrosodiphenylamine	15.93	169	320013	21.650	ng/ul	100
65) 4-Bromophenyl-phenylether	16.62	248	144350	21.885	ng/ul	96
66) Hexachlorobenzene	16.75	284	148507	22.418	ng/ul	93
67) Atrazine	16.89	200	123533	19.942	ng/ul	98
68) Pentachlorophenol	17.09	266	72546	20.107	ng/ul	98
69) Phenanthrene	17.48	178	564225	20.687	ng/ul	100
71) Anthracene	17.57	178	572516	20.696	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	187861	23.662	ng/ul	99
73) Pentachlorobenzene	15.01	250	187674	23.379	ng/ul	98
74) Carbazole	17.84	167	488901	21.336	ng/ul	100
75) Di-n-butylphthalate	18.40	149	561331	19.875	ng/ul	99
76) Fluoranthene	19.49	202	688665	21.853	ng/ul	98
79) Pvrene	19.85	202	678021	20.622	ng/ul	98
80) Butylbenzylphthalate	20.74	149	253326	19.575	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.61	252	256707	23.107	ng/ul#	98
82) Benzo(a)anthracene	21.70	228	694839	20.503	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	347137	19.660	ng/ul	99
84) Chrysene	21.77	228	641719	20.288	ng/ul	98
86) Di-n-octyl phthalate	22.84	149	607374	21.594	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	714919	20.039	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	702121	20.469	ng/ul	100
90) Benzo(a)pyrene	24.84	252	691187	20.331	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	720771	18.177	ng/ul	97
92) Dibenzo(a,h)anthracene	28.79	278	591227	18.279	ng/ul	99
93) Benzo(g,h,i)perylene	29.89	276	533246	16.107	ng/ul	98

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

