

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041894.D
 Acq On : 2 Aug 2019 19:46
 Operator : HP/JU
 Sample : SSTD01071
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01071

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:01:08 PM

Quant Time: Aug 03 02:19:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 01:46:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	77654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	328315	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233301	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	541604	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	578161	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	644383	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	7144	4.24	ng/uL	0.00
5) Phenol-d5	7.18	99	54584	8.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	33296	8.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	48423	8.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	46154	8.44	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	23479	8.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	25811	8.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	54759	9.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	54730	8.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	179561	8.77	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	204562	8.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	25103m	7.53	ng/ul	0.00
57) Fluorene-d10	15.68	176	157659	8.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	25906	7.75	ng/ul	0.00
70) Anthracene-d10	17.54	188	261363	9.38	ng/ul	0.00
78) Pyrene-d10	19.82	212	325908	9.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	332169	8.94	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.45	88	6864	3.964	ng/uL 98
4) Benzaldehyde	7.16	77	26306	8.650	ng/ul 98
6) Phenol	7.21	94	57912	9.119	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.44	93	46007	9.498	ng/ul 95
10) 2-Chlorophenol	7.59	128	50331	9.719	ng/ul 98
11) 2-Methylphenol	8.47	108	45574	9.249	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.57	45	80308	12.195	ng/ul 97
14) Acetophenone	8.86	105	76943	9.642	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.84	70	39872	9.627	ng/ul 95
16) 4-Methylphenol	8.80	108	50063	9.370	ng/ul 91
17) Hexachloroethane	9.13	117	20775	9.627	ng/ul 92
20) Nitrobenzene	9.24	77	54005	9.148	ng/ul 96
21) Isophorone	9.77	82	108045	9.684	ng/ul 96
23) 2-Nitrophenol	9.96	139	28281	9.486	ng/ul 97
24) 2,4-Dimethylphenol	10.02	107	57261	9.440	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.25	93	62150	9.029	ng/ul 91
27) 2,4-Dichlorophenol	10.50	162	53458	9.678	ng/ul 99
28) Naphthalene	10.90	128	165768	9.828	ng/ul 99
30) 4-Chloroaniline	11.01	127	57312	9.530	ng/ul 97
31) Hexachlorobutadiene	11.20	225	41366	10.623	ng/ul 96
32) Caprolactam	11.77	113	15672m	9.881	ng/ul
33) 4-Chloro-3-methylphenol	12.13	107	52680	9.536	ng/ul 98
34) 2-Methylnaphthalene	12.51	142	128877	9.943	ng/ul 96

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36) 1,2,4,5-Tetrachlorobenzene	12.88	216	83141	9.924	ng/ul	97
37) Hexachlorocyclopentadiene	12.87	237	48604	9.640	ng/ul	97
38) 2,4,6-Trichlorophenol	13.12	196	49606	9.640	ng/ul	96
39) 2,4,5-Trichlorophenol	13.20	196	54261	9.770	ng/ul	97
40) 1,1'-Biphenyl	13.53	154	169601	8.990	ng/ul	99
41) 2-Chloronaphthalene	13.57	162	136321	9.116	ng/ul	99
42) 2-Nitroaniline	13.76	65	32720	8.966	ng/ul	96
44) Dimethylphthalate	14.14	163	179773	9.474	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	35374	9.590	ng/ul	95
47) Acenaphthylene	14.41	152	211825	9.674	ng/ul	98
48) 3-Nitroaniline	14.59	138	26485	8.365	ng/ul	85
49) Acenaphthene	14.75	153	142152	8.942	ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	10362	5.538	ng/ul	94
52) 4-Nitrophenol	14.89	109	17576	7.131	ng/ul	98
53) Dibenzofuran	15.09	168	220295	9.606	ng/ul	97
54) 2,4-Dinitrotoluene	15.04	165	51976	9.699	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.32	232	50971	10.401	ng/ul#	98
56) Diethylphthalate	15.51	149	176440	9.582	ng/ul	99
58) Fluorene	15.74	166	175909	9.482	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.73	204	101839	9.970	ng/ul	95
60) 4-Nitroaniline	15.75	138	28488	8.425	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.81	198	28042	8.303	ng/ul	97
64) N-Nitrosodiphenylamine	15.94	169	158658	9.724	ng/ul	95
65) 4-Bromophenyl-phenylether	16.63	248	68809	10.215	ng/ul	98
66) Hexachlorobenzene	16.75	284	69491	9.223	ng/ul#	90
67) Atrazine	16.89	200	66487	10.803	ng/ul	97
68) Pentachlorophenol	17.10	266	25080m	6.638	ng/ul	
69) Phenanthrene	17.49	178	301525	10.017	ng/ul	98
71) Anthracene	17.57	178	310513	10.122	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	83925	9.826	ng/ul	98
73) Pentachlorobenzene	15.01	250	85225	9.751	ng/ul	99
74) Carbazole	17.84	167	269421	10.510	ng/ul	100
75) Di-n-butylphthalate	18.41	149	312191	10.157	ng/ul	99
76) Fluoranthene	19.49	202	401118	11.790	ng/ul	99
79) Pvrene	19.85	202	405659	10.097	ng/ul	99
80) Butylbenzylphthalate	20.75	149	148168	9.810	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.62	252	124140	9.457	ng/ul	98
82) Benzo(a)anthracene	21.70	228	415249	10.471	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	206401	9.587	ng/ul	99
84) Chrysene	21.77	228	374827	10.060	ng/ul	97
86) Di-n-octyl phthalate	22.85	149	343583	9.431	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	398692	9.792	ng/ul	98
88) Benzo(k)fluoranthene	24.01	252	404405	10.310	ng/ul	97
90) Benzo(a)pyrene	24.83	252	387082	10.033	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.71	276	438227	9.669	ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	361944	9.543	ng/ul	99
93) Benzo(g,h,i)perylene	29.86	276	364230	9.750	ng/ul	99

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

