

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048180.D
 Acq On : 17 Feb 2021 3:03
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02034

Manual Integrations
 APPROVED

mohammad
 2/17/2021 1:46:41 PM

Quant Time: Feb 17 09:52:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 15 06:21:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	233742	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	175960	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	455620	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	475938	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	485152	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	10915	7.66	ng/uL	0.00
5) Phenol-d5	7.25	99	98340	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	58726	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	71261	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	75410	19.22	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	34667	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	41224	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	80545	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	94685	23.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	260898	20.02	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	317960	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	47824	21.59	ng/ul	0.00
58) Fluorene-d10	15.71	176	234604	20.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	54863	19.64	ng/ul	0.00
71) Anthracene-d10	17.56	188	389847	19.96	ng/ul	0.00
79) Pyrene-d10	19.84	212	480233	20.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	485339	19.61	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	12318	7.532	ng/uL 93
4) Benzaldehyde	7.23	77	71535	24.327	ng/ul 99
6) Phenol	7.27	94	104819	20.297	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.51	93	76460	19.605	ng/ul 91
10) 2-Chlorophenol	7.66	128	73183	19.703	ng/ul 95
11) 2-Methylphenol	8.53	108	75122	20.106	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.62	45	101319	19.876	ng/ul# 92
14) Acetophenone	8.92	105	127788	19.997	ng/ul# 86
15) N-Nitroso-di-n-propylamine	8.90	70	71761	20.223	ng/ul 95
16) 4-Methylphenol	8.86	108	78799	19.544	ng/ul 84
17) Hexachloroethane	9.19	117	31832	19.186	ng/ul 98
20) Nitrobenzene	9.30	77	104679	19.684	ng/ul 98
21) Isophorone	9.83	82	186026	19.799	ng/ul 96
23) 2-Nitrophenol	10.02	139	42813	19.880	ng/ul 93
24) 2,4-Dimethylphenol	10.07	107	96432	20.234	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.31	93	103380	19.519	ng/ul 97
27) 2,4-Dichlorophenol	10.55	162	80375	20.313	ng/ul 97
28) Naphthalene	10.96	128	235077	19.939	ng/ul 100
30) 4-Chloroaniline	11.07	127	95197	22.705	ng/ul 97
31) Hexachlorobutadiene	11.25	225	66641	19.310	ng/ul 99
32) Caprolactam	11.81	113	26264m	19.021	ng/ul
33) 4-Chloro-3-methylphenol	12.17	107	89379	20.403	ng/ul 99
34) 2-Methylnaphthalene	12.56	142	176398	19.684	ng/ul 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	170139	19.627	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	125156	19.772	ng/uL	98
38) Hexachlorocyclopentadiene	12.91	237	78302	19.187	ng/uL	90
39) 2,4,6-Trichlorophenol	13.16	196	81252	20.846	ng/uL	95
40) 2,4,5-Trichlorophenol	13.23	196	86567	21.855	ng/uL	97
41) 1,1'-Biphenyl	13.56	154	238802	19.784	ng/uL	94
42) 2-Chloronaphthalene	13.60	162	200460	20.156	ng/uL	99
43) 2-Nitroaniline	13.80	65	71698	20.845	ng/uL	92
45) Dimethylphthalate	14.17	163	273184	20.276	ng/uL	99
46) 2,6-Dinitrotoluene	14.29	165	55888	19.722	ng/uL	96
48) Acenaphthylene	14.45	152	287360	20.166	ng/uL	95
49) 3-Nitroaniline	14.62	138	56495	23.654	ng/uL	84
50) Acenaphthene	14.79	153	208921	19.535	ng/uL	98
51) 2,4-Dinitrophenol	14.83	184	35581	20.106	ng/uL#	90
53) 4-Nitrophenol	14.92	109	53044	21.215	ng/uL	87
54) Dibenzofuran	15.12	168	316036	20.248	ng/uL	99
55) 2,4-Dinitrotoluene	15.07	165	84767	20.826	ng/uL#	91
56) 2,3,4,6-Tetrachlorophenol	15.34	232	85171	21.033	ng/uL#	98
57) Diethylphthalate	15.53	149	284408	20.449	ng/uL	99
59) Fluorene	15.77	166	252984	20.049	ng/uL	100
60) 4-Chlorophenyl-phenylether	15.76	204	152802	20.185	ng/uL#	91
61) 4-Nitroaniline	15.78	138	57592	21.420	ng/uL	96
64) 4,6-Dinitro-2-methylphenol	15.84	198	56969	20.466	ng/uL#	92
65) N-Nitrosodiphenylamine	15.97	169	233673	19.983	ng/uL	96
66) 4-Bromophenyl-phenylether	16.65	248	106502	19.776	ng/uL	93
67) Hexachlorobenzene	16.77	284	110920	19.431	ng/uL	91
68) Atrazine	16.91	200	106054	20.281	ng/uL	93
69) Pentachlorophenol	17.11	266	65843	20.657	ng/uL#	88
70) Phenanthrene	17.51	178	455821	19.912	ng/uL	99
72) Anthracene	17.60	178	456355	19.763	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	130689	19.197	ng/uL	92
74) Pentachlorobenzene	15.04	250	130653	19.573	ng/uL	97
75) Carbazole	17.86	167	407831	21.118	ng/uL	95
76) Di-n-butylphthalate	18.42	149	484895	20.585	ng/uL	97
77) Fluoranthene	19.51	202	602944	21.602	ng/uL	99
80) Pvrene	19.87	202	592322	20.031	ng/uL	99
81) Butylbenzylphthalate	20.75	149	205522	19.863	ng/uL	97
82) 3,3'-Dichlorobenzidine	21.63	252	216344	22.217	ng/uL#	98
83) Benzo(a)anthracene	21.72	228	597587	20.098	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	295502	19.669	ng/uL	97
85) Chrysene	21.78	228	559252	19.680	ng/uL	98
87) Di-n-octyl phthalate	22.84	149	505206	20.279	ng/uL	100
88) Benzo(b)fluoranthene	23.96	252	589193	19.340	ng/uL	94
89) Benzo(k)fluoranthene	24.03	252	590390m	19.787	ng/uL	
91) Benzo(a)pyrene	24.84	252	526071	19.625	ng/uL#	98
92) Indeno(1,2,3-cd)pyrene	28.71	276	666747	19.443	ng/uL	99
93) Dibenzo(a,h)anthracene	28.78	278	559574	19.514	ng/uL#	96
94) Benzo(a,h,i)perylene	29.87	276	560281	19.647	ng/uL	100

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

