

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047519.D
 Acq On : 2 Dec 2020 5:56
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02068

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:26:44 PM

Quant Time: Dec 02 07:11:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	24066	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	104873	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.87	164	90625	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	239050	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	234008	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	253188	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	3679m	5.56	ng/uL	0.00
5) Phenol-d5	7.39	99	42672	17.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.57	67	23733	17.24	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	32012	19.78	ng/ul	-0.01
13) 4-Methylphenol-d8	8.96	113	33403	18.01	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	16993	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	19611	20.75	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.70	165	40669	18.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	46250	21.13	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	148186	19.05	ng/ul	-0.01
47) Acenaphthylene-d8	14.57	160	163800	18.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	22931	19.32	ng/ul	0.00
58) Fluorene-d10	15.86	176	131739	18.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	28379	20.86	ng/ul	-0.01
71) Anthracene-d10	17.71	188	227609	19.19	ng/ul	0.00
79) Pyrene-d10	19.97	212	262231	19.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	272973	18.73	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.63	88	4017m	5.880	ng/uL
4) Benzaldehyde	7.39	77	26571	18.639	ng/ul
6) Phenol	7.42	94	39960	17.282	ng/ul
8) Bis(2-Chloroethyl)ether	7.67	93	28606	16.759	ng/ul
10) 2-Chlorophenol	7.82	128	30312	18.556	ng/ul#
11) 2-Methylphenol	8.69	108	33371	18.577	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.79	45	28613	15.938	ng/ul#
14) Acetophenone	9.09	105	54653	19.132	ng/ul
15) N-Nitroso-di-n-propylamine	9.06	70	32698	18.973	ng/ul
16) 4-Methylphenol	9.02	108	35947	19.067	ng/ul
17) Hexachloroethane	9.36	117	14632	19.060	ng/ul
20) Nitrobenzene	9.47	77	51623	18.425	ng/ul#
21) Isophorone	10.00	82	94523	17.702	ng/ul
23) 2-Nitrophenol	10.19	139	19144	18.631	ng/ul
24) 2,4-Dimethylphenol	10.24	107	50280	19.277	ng/ul
25) Bis(2-Chloroethoxy)methane	10.47	93	42106	16.394	ng/ul#
27) 2,4-Dichlorophenol	10.73	162	36642	19.071	ng/ul#
28) Naphthalene	11.14	128	108298	18.232	ng/ul
30) 4-Chloroaniline	11.24	127	43224	20.723	ng/ul
31) Hexachlorobutadiene	11.43	225	37637	20.821	ng/ul
32) Caprolactam	11.98	113	12366m	17.658	ng/ul
33) 4-Chloro-3-methylphenol	12.33	107	45857	19.312	ng/ul
34) 2-Methylnaphthalene	12.73	142	88102	20.015	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.94	142	101352	19.590	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	62898	17.662	ng/uL	98
38) Hexachlorocyclopentadiene	13.07	237	44031	17.769	ng/uL#	96
39) 2,4,6-Trichlorophenol	13.32	196	43271	19.567	ng/uL	84
40) 2,4,5-Trichlorophenol	13.38	196	42880	18.676	ng/uL	91
41) 1,1'-Biphenyl	13.72	154	126886	18.050	ng/uL	96
42) 2-Chloronaphthalene	13.76	162	100293	17.999	ng/uL	97
43) 2-Nitroaniline	13.95	65	36190	17.856	ng/uL	93
45) Dimethylphthalate	14.32	163	147933	18.641	ng/uL	99
46) 2,6-Dinitrotoluene	14.44	165	30391	19.998	ng/uL#	90
48) Acenaphthylene	14.60	152	150475	18.006	ng/uL	98
49) 3-Nitroaniline	14.77	138	23194	19.546	ng/uL#	97
50) Acenaphthene	14.94	153	106421	18.155	ng/uL	95
51) 2,4-Dinitrophenol	14.97	184	16003m	19.762	ng/uL	
53) 4-Nitrophenol	15.06	109	37542	21.846	ng/uL#	74
54) Dibenzofuran	15.27	168	157220	18.261	ng/uL	95
55) 2,4-Dinitrotoluene	15.22	165	45063	20.900	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	15.49	232	43574	19.817	ng/uL#	95
57) Diethylphthalate	15.67	149	142672	18.326	ng/uL	96
59) Fluorene	15.92	166	135366	18.663	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.90	204	87848	20.163	ng/uL	97
61) 4-Nitroaniline	15.91	138	26541	19.102	ng/uL	92
64) 4,6-Dinitro-2-methylphenol	15.98	198	27455	19.281	ng/uL	99
65) N-Nitrosodiphenylamine	16.11	169	122430	17.942	ng/uL	98
66) 4-Bromophenyl-phenylether	16.80	248	59819	19.698	ng/uL	95
67) Hexachlorobenzene	16.92	284	63562	20.008	ng/uL	96
68) Atrazine	17.05	200	56602	18.846	ng/uL	94
69) Pentachlorophenol	17.25	266	30060	16.178	ng/uL	95
70) Phenanthrene	17.65	178	236889	18.350	ng/uL	98
72) Anthracene	17.75	178	239664	18.435	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	68304	18.177	ng/uL	97
74) Pentachlorobenzene	15.19	250	68880	19.066	ng/uL	96
75) Carbazole	18.01	167	195912	18.681	ng/uL	97
76) Di-n-butylphthalate	18.55	149	242629	18.164	ng/uL	99
77) Fluoranthene	19.64	202	321498	19.720	ng/uL#	98
80) Pvrene	20.00	202	314252	18.958	ng/uL	100
81) Butylbenzylphthalate	20.87	149	103642	17.803	ng/uL	95
82) 3,3'-Dichlorobenzidine	21.78	252	103481	18.942	ng/uL	95
83) Benzo(a)anthracene	21.87	228	311159	18.688	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.76	149	143184	17.645	ng/uL#	95
85) Chrysene	21.94	228	295777	18.667	ng/uL	97
87) Di-n-octyl phthalate	23.04	149	244057	17.404	ng/uL	100
88) Benzo(b)fluoranthene	24.21	252	324351	18.144	ng/uL#	94
89) Benzo(k)fluoranthene	24.28	252	323955	18.389	ng/uL	97
91) Benzo(a)pyrene	25.13	252	293069	18.390	ng/uL#	97
92) Indeno(1,2,3-cd)pyrene	29.19	276	362197m	18.685	ng/uL	
93) Dibenzo(a,h)anthracene	29.26	278	300730	18.922	ng/uL#	99
94) Benzo(a,h,i)perylene	30.43	276	299020m	18.695	ng/uL	

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

