

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047356.D
 Acq On : 19 Nov 2020 17:21
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02032

Manual Integrations
 APPROVED

mohammad
 11/23/2020 1:28:40 PM

Quant Time: Nov 19 18:06:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 14:25:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	35629	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147750	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	115374	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	298578	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	293045	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	307726	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	6820	6.96	ng/uL	-0.01
5) Phenol-d5	7.40	99	71003	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	37825	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	47327	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	52992	19.30	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	22768	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	24343	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	58097	19.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	64641	20.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	198859	20.08	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	224299	19.60	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	31225	20.66	ng/ul	0.00
58) Fluorene-d10	15.87	176	178931	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	34226	20.14	ng/ul	0.00
71) Anthracene-d10	17.72	188	284969	19.24	ng/ul	0.00
79) Pyrene-d10	19.98	212	343986	20.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	347548	19.62	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.65	88	8145	8.053	ng/uL#	82
4) Benzaldehyde	7.40	77	43123	20.432	ng/ul	94
6) Phenol	7.42	94	67845	19.819	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.68	93	46106	18.246	ng/ul	93
10) 2-Chlorophenol	7.83	128	46824	19.361	ng/ul	95
11) 2-Methylphenol	8.70	108	49875	18.754	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.80	45	51884	19.521	ng/ul#	89
14) Acetophenone	9.10	105	85625	20.246	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.07	70	52761	20.679	ng/ul#	94
16) 4-Methylphenol	9.03	108	55115	19.747	ng/ul	91
17) Hexachloroethane	9.37	117	21518	18.933	ng/ul#	82
20) Nitrobenzene	9.48	77	75565	19.144	ng/ul	94
21) Isophorone	10.01	82	147338	19.585	ng/ul#	96
23) 2-Nitrophenol	10.20	139	28674	19.807	ng/ul#	91
24) 2,4-Dimethylphenol	10.24	107	68457	18.629	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.48	93	69138	19.107	ng/ul	97
27) 2,4-Dichlorophenol	10.73	162	52496	19.393	ng/ul	97
28) Naphthalene	11.15	128	154353	18.445	ng/ul	97
30) 4-Chloroaniline	11.25	127	58878	20.036	ng/ul#	79
31) Hexachlorobutadiene	11.44	225	47123	18.504	ng/ul	99
32) Caprolactam	11.98	113	18664m	18.917	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	65123	19.467	ng/ul	97
34) 2-Methylnaphthalene	12.73	142	121488	19.591	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.95	142	141114	19.360	ng/uL#	100
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	86883	19.164	ng/uL	91
38) Hexachlorocyclopentadiene	13.08	237	58031	18.395	ng/uL	94
39) 2,4,6-Trichlorophenol	13.32	196	52779	18.747	ng/uL	94
40) 2,4,5-Trichlorophenol	13.39	196	58590	20.045	ng/uL	89
41) 1,1'-Biphenyl	13.72	154	171651	19.180	ng/uL	96
42) 2-Chloronaphthalene	13.77	162	137423	19.372	ng/uL	96
43) 2-Nitroaniline	13.96	65	50989	19.762	ng/uL#	84
45) Dimethylphthalate	14.33	163	197816	19.580	ng/uL#	98
46) 2,6-Dinitrotoluene	14.44	165	39664	20.502	ng/uL	92
48) Acenaphthylene	14.61	152	204874	19.257	ng/uL	97
49) 3-Nitroaniline	14.77	138	31050	20.553	ng/uL	95
50) Acenaphthene	14.95	153	144173	19.320	ng/uL	92
51) 2,4-Dinitrophenol	14.97	184	17646	17.117	ng/uL	95
53) 4-Nitrophenol	15.05	109	44898	20.522	ng/uL	94
54) Dibenzofuran	15.28	168	212970	19.430	ng/uL	99
55) 2,4-Dinitrotoluene	15.22	165	54830	19.975	ng/uL#	98
56) 2,3,4,6-Tetrachlorophenol	15.50	232	58111	20.759	ng/uL#	95
57) Diethylphthalate	15.68	149	199669	20.146	ng/uL	99
59) Fluorene	15.93	166	177548	19.227	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.91	204	108546	19.569	ng/uL	93
61) 4-Nitroaniline	15.92	138	36728	20.763	ng/uL	93
64) 4,6-Dinitro-2-methylphenol	15.98	198	33529	18.852	ng/uL#	87
65) N-Nitrosodiphenylamine	16.12	169	163897	19.231	ng/uL	96
66) 4-Bromophenyl-phenylether	16.80	248	75285	19.848	ng/uL	95
67) Hexachlorobenzene	16.92	284	78585	19.805	ng/uL	97
68) Atrazine	17.05	200	72894	19.432	ng/uL	93
69) Pentachlorophenol	17.26	266	44555	19.198	ng/uL	97
70) Phenanthrene	17.66	178	319571	19.820	ng/uL	98
72) Anthracene	17.75	178	317184	19.534	ng/uL	96
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	88444	18.844	ng/uL	91
74) Pentachlorobenzene	15.20	250	87081	19.298	ng/uL	95
75) Carbazole	18.01	167	268509	20.499	ng/uL	99
76) Di-n-butylphthalate	18.56	149	329312	19.738	ng/uL	100
77) Fluoranthene	19.65	202	429945	21.114	ng/uL#	98
80) Pvrene	20.01	202	417231	20.100	ng/uL	98
81) Butylbenzylphthalate	20.88	149	140219	19.233	ng/uL	93
82) 3,3'-Dichlorobenzidine	21.78	252	136069	19.890	ng/uL	99
83) Benzo(a)anthracene	21.88	228	408105	19.573	ng/uL	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	202505	19.927	ng/uL	96
85) Chrysene	21.95	228	393599	19.837	ng/uL	99
87) Di-n-octyl phthalate	23.06	149	340431	19.974	ng/uL	100
88) Benzo(b)fluoranthene	24.22	252	424481	19.537	ng/uL#	98
89) Benzo(k)fluoranthene	24.29	252	407335	19.024	ng/uL#	95
91) Benzo(a)pyrene	25.14	252	377755	19.503	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	29.21	276	456778	19.388	ng/uL#	96
93) Dibenzo(a,h)anthracene	29.28	278	372220	19.269	ng/uL	97
94) Benzo(a,h,i)perylene	30.43	276	377999	19.444	ng/uL	99

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

