

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049225.D
 Acq On : 8 Jul 2021 21:06
 Operator : CG/JU
 Sample : SST02005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020303

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:46:55 PM

Quant Time: Jul 09 02:36:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 02:34:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	29440	20.000	ng/u1	0.00
20) Naphthalene-d8	10.896	136	124333	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	88230	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.471	188	205723	20.000	ng/u1	0.00
79) Chrysene-d12	21.754	240	226019	20.000	ng/u1	0.00
88) Perylene-d12	25.050	264	224913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	5165m	7.602	ng/uL	0.00
4) Pyridine-d5	3.887	84	34321	16.499	ng/u1	0.00
7) Phenol-d5	7.224	99	47743	18.666	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	29104	18.427	ng/u1	0.00
11) 2-Chlorophenol-d4	7.606	132	37589	21.148	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	39669	18.907	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	19126	22.217	ng/u1	0.00
24) 2-Nitrophenol-d4	9.974	143	22027	23.370	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.514	165	42265	18.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.026	131	52824	18.111	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	136041	18.743	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	156610	19.649	ng/u1	0.00
54) 4-Nitrophenol-d4	14.915	143	20365	18.841	ng/u1	0.00
60) Fluorene-d10	15.714	176	112984	17.636	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	24636	23.434	ng/u1	0.00
73) Anthracene-d10	17.571	188	190043	20.219	ng/u1	0.00
81) Pyrene-d10	19.856	212	230162	19.913	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.821	264	236546	19.401	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	5427	7.959	ng/uL	100
5) Pyridine	3.910	79	37279	17.941	ng/u1	100
6) Benzaldehyde	7.212	77	35794	22.162	ng/u1	100
8) Phenol	7.253	94	48534	17.949	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.494	93	36579	18.550	ng/u1	100
12) 2-Chlorophenol	7.641	128	38133	20.213	ng/u1	100
13) 2-Methylphenol	8.511	108	36915	18.249	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.605	45	60293	25.880	ng/u1	100
16) Acetophenone	8.904	105	66489	19.330	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.881	70	33390	16.373	ng/u1	100
18) 4-Methylphenol	8.846	108	38581	18.168	ng/u1	100
19) Hexachloroethane	9.175	117	16528	18.801	ng/u1	100
22) Nitrobenzene	9.286	77	51705	18.219	ng/u1	100
23) Isophorone	9.809	82	91636	15.621	ng/u1	100
25) 2-Nitrophenol	10.003	139	21924	20.426	ng/u1	100
26) 2,4-Dimethylphenol	10.056	107	49800	17.633	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.291	93	48680	16.484	ng/u1	100
29) 2,4-Dichlorophenol	10.544	162	38139	17.628	ng/u1	100
30) Naphthalene	10.949	128	120685	18.367	ng/u1	100
32) 4-Chloroaniline	11.049	127	52046	18.145	ng/u1	100
33) Hexachlorobutadiene	11.231	225	32912	15.992	ng/u1	100
34) Caprolactam	11.807	113	13278m	16.109	ng/u1	100
35) 4-Chloro-3-methylphenol	12.171	107	43104	16.987	ng/u1	100
36) 2-Methylnaphthalene	12.553	142	90896	17.934	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
 Data File : BG049225.D
 Acq On : 8 Jul 2021 21:06
 Operator : CG/JU
 Sample : SSTD02005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020303

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:46:55 PM

Quant Time: Jul 09 02:36:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 02:34:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	91580	18.244	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.917	216	54854	16.332	ng/ul	100
40) Hexachlorocyclopentadiene	12.894	237	32611	13.372	ng/ul	100
41) 2,4,6-Trichlorophenol	13.152	196	36788	17.799	ng/ul	100
42) 2,4,5-Trichlorophenol	13.229	196	37996	17.127	ng/ul	100
43) 1,1'-Biphenyl	13.552	154	118858	18.206	ng/ul	100
44) 2-Chloronaphthalene	13.599	162	92159	18.021	ng/ul	100
45) 2-Nitroaniline	13.793	65	33628	21.287	ng/ul	100
47) Dimethylphthalate	14.169	163	127992	17.458	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	25729	20.491	ng/ul	100
50) Acenaphthylene	14.445	152	141114	18.463	ng/ul	100
51) 3-Nitroaniline	14.621	138	25762	21.341	ng/ul	100
52) Acenaphthene	14.786	153	101580	17.921	ng/ul	100
53) 2,4-Dinitrophenol	14.827	184	15097	18.073	ng/ul	100
55) 4-Nitrophenol	14.921	109	26579	18.566	ng/ul	100
56) Dibenzofuran	15.121	168	145063	18.017	ng/ul	100
57) 2,4-Dinitrotoluene	15.074	165	39123	21.661	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.344	232	37091	17.686	ng/ul	100
59) Diethylphthalate	15.532	149	134169	18.312	ng/ul	100
61) Fluorene	15.767	166	124764	18.204	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.761	204	67339	16.197	ng/ul	100
63) 4-Nitroaniline	15.779	138	25023	19.908	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.838	198	23602	21.382	ng/ul	100
67) N-Nitrosodiphenylamine	15.973	169	107654	18.893	ng/ul	100
68) 4-Bromophenyl-phenylether	16.654	248	46200	17.658	ng/ul	100
69) Hexachlorobenzene	16.778	284	52227	18.993	ng/ul	100
70) Atrazine	16.919	200	49666	19.368	ng/ul	100
71) Pentachlorophenol	17.118	266	29527	16.926	ng/ul	100
72) Phenanthrene	17.512	178	203902	19.520	ng/ul	100
74) Anthracene	17.606	178	206849	19.249	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.523	216	55358	17.164	ng/uL	100
76) Pentachlorobenzene	15.038	250	60488	17.904	ng/uL	100
77) Carbazole	17.870	167	187812	20.629	ng/ul	100
78) Di-n-butylphthalate	18.429	149	232586	20.412	ng/ul	100
80) Fluoranthene	19.521	202	265256	18.494	ng/ul	100
82) Pyrene	19.886	202	267068	18.646	ng/ul	100
83) Butylbenzylphthalate	20.761	149	102423	19.996	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.648	252	107867	19.484	ng/ul	100
85) Benzo(a)anthracene	21.736	228	272782	18.267	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.631	149	150923	20.212	ng/ul	100
87) Chrysene	21.801	228	256535	17.965	ng/ul	100
89) Di-n-octyl phthalate	22.870	149	253330	20.693	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	282103	18.964	ng/ul	100
91) Benzo(k)fluoranthene	24.069	252	273057	18.678	ng/ul	100
93) Benzo(a)pyrene	24.892	252	248904	19.046	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.816	276	317080	18.862	ng/ul	100
95) Dibenzo(a,h)anthracene	28.887	278	261691	19.147	ng/ul	100
96) Benzo(g,h,i)perylene	29.986	276	264794m	19.433	ng/ul	

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

