

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050389.D
 Acq On : 2 Oct 2021 14:11
 Operator : CG/JU
 Sample : M3877-17MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2L8MSD

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:51:17 AM

Quant Time: Oct 04 01:06:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	58001	20.00	ng/ul	0.00
20) Naphthalene-d8	11.098	136	241724	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	157876	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.632	188	330180	20.00	ng/ul	0.00
79) Chrysene-d12	21.938	240	289011	20.00	ng/ul	-0.01
88) Perylene-d12	25.358	264	288600	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	4863m	3.08	ng/uL	0.00
4) Pyridine-d5	4.065	84	44585	9.48	ng/ul	0.00
7) Phenol-d5	7.402	99	87407	17.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	54996	17.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.796	132	60851	17.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.959	113	66049	17.22	ng/ul	0.00
21) Nitrobenzene-d5	9.441	128	31849	18.83	ng/ul	0.00
24) 2-Nitrophenol-d4	10.164	143	34612	19.07	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.699	165	62875	17.54	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	79449	15.52	ng/ul	0.00
46) Dimethylphthalate-d6	14.283	166	199145	18.43	ng/ul	-0.01
49) Acenaphthylene-d8	14.582	160	240712	17.74	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.052	143	36481	17.53	ng/ul	0.00
60) Fluorene-d10	15.875	176	172807	17.75	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.981	200	31612	19.20	ng/ul	0.00
73) Anthracene-d10	17.731	188	273041	19.57	ng/ul	0.00
81) Pyrene-d10	20.005	212	323436	21.05	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.123	264	280839	19.35	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.677	88	14325	7.50	ng/uL#	94
5) Pyridine	4.089	79	80694	16.93	ng/ul	98
6) Benzaldehyde	7.402	77	81170	24.29	ng/ul	96
8) Phenol	7.432	94	122122	23.51	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.679	93	90922	23.34	ng/ul	97
12) 2-Chlorophenol	7.825	128	82116	22.60	ng/ul	99
13) 2-Methylphenol	8.695	108	82473	21.55	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.789	45	139485	23.86	ng/ul	96
16) Acetophenone	9.095	105	141395	23.20	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.071	70	83486	22.80	ng/ul	93
18) 4-Methylphenol	9.024	108	89574	22.10	ng/ul	100
19) Hexachloroethane	9.365	117	35043	22.44	ng/ul	97
22) Nitrobenzene	9.482	77	120640	23.80	ng/ul	97
23) Isophorone	10.005	82	219146	22.50	ng/ul	99
25) 2-Nitrophenol	10.199	139	45590	24.44	ng/ul	96
26) 2,4-Dimethylphenol	10.240	107	68988	14.90	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.481	93	118394	22.52	ng/ul	96
29) 2,4-Dichlorophenol	10.728	162	80050	22.56	ng/ul	93
30) Naphthalene	11.145	128	268281	21.62	ng/ul	98
32) 4-Chloroaniline	11.245	127	104038	20.18	ng/ul	99
33) Hexachlorobutadiene	11.421	225	55208	21.41	ng/ul	94
34) Caprolactam	12.003	113	31719m	23.14	ng/ul	
35) 4-Chloro-3-methylphenol	12.338	107	96717	23.12	ng/ul	98
36) 2-Methylnaphthalene	12.731	142	190725	22.60	ng/ul	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050389.D
 Acq On : 2 Oct 2021 14:11
 Operator : CG/JU
 Sample : M3877-17MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2L8MSD

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:51:17 AM

Quant Time: Oct 04 01:06:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.949	142	183437	21.60	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.090	216	104306	22.89	ng/ul	95
40) Hexachlorocyclopentadiene	13.066	237	45077	14.92	ng/ul	89
41) 2,4,6-Trichlorophenol	13.325	196	70333	24.49	ng/ul	99
42) 2,4,5-Trichlorophenol	13.395	196	77166	24.57	ng/ul	98
43) 1,1'-Biphenyl	13.724	154	244929	23.05	ng/ul	99
44) 2-Chloronaphthalene	13.771	162	190012	22.83	ng/ul	99
45) 2-Nitroaniline	13.965	65	73450	26.95	ng/ul	92
47) Dimethylphthalate	14.330	163	253256	23.30	ng/ul	100
48) 2,6-Dinitrotoluene	14.453	165	51685	25.28	ng/ul	95
50) Acenaphthylene	14.612	152	290420	21.10	ng/ul	99
51) 3-Nitroaniline	14.782	138	55479	24.94	ng/ul	86
52) Acenaphthene	14.952	153	212898	23.40	ng/ul	97
53) 2,4-Dinitrophenol	14.982	184	29414	23.08	ng/ul	95
55) 4-Nitrophenol	15.064	109	51031	24.80	ng/ul	96
56) Dibenzofuran	15.281	168	296035	22.38	ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	76586	25.79	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.499	232	66551	24.64	ng/ul	92
59) Diethylphthalate	15.687	149	273599	24.12	ng/ul	99
61) Fluorene	15.934	166	236033	22.42	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.916	204	124675	21.87	ng/ul	91
63) 4-Nitroaniline	15.939	138	59728	26.59	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.992	198	42166	25.90	ng/ul	99
67) N-Nitrosodiphenylamine	16.127	169	220698	26.44	ng/ul	96
68) 4-Bromophenyl-phenylether	16.815	248	78743	25.62	ng/ul	93
69) Hexachlorobenzene	16.932	284	82044	25.35	ng/ul	96
70) Atrazine	17.068	200	91343	25.70	ng/ul	97
71) Pentachlorophenol	17.267	266	50340	23.75	ng/ul	98
72) Phenanthrene	17.673	178	413922	25.11	ng/ul	99
74) Anthracene	17.767	178	407342	24.96	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.695	216	109425	25.14	ng/uL	93
76) Pentachlorobenzene	15.199	250	95118	23.92	ng/uL	99
77) Carbazole	18.031	167	392476	26.86	ng/ul	100
78) Di-n-butylphthalate	18.572	149	465886	26.91	ng/ul	99
80) Fluoranthene	19.670	202	510062	26.43	ng/ul	99
82) Pyrene	20.035	202	493839	25.95	ng/ul	98
83) Butylbenzylphthalate	20.904	149	204958	29.22	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.821	252	120193	20.18	ng/ul	99
85) Benzo(a)anthracene	21.915	228	462234	26.53	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.797	149	309972	30.75	ng/ul	98
87) Chrysene	21.985	228	436892	26.17	ng/ul	99
89) Di-n-octyl phthalate	23.084	149	508663	30.67	ng/ul	100
90) Benzo(b)fluoranthene	24.265	252	466456	26.54	ng/ul	98
91) Benzo(k)fluoranthene	24.341	252	452419	27.66	ng/ul	99
93) Benzo(a)pyrene	25.199	252	404305	24.11	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.289	276	506839	26.92	ng/ul	98
95) Dibenzo(a,h)anthracene	29.365	278	425146	26.53	ng/ul	98
96) Benzo(g,h,i)perylene	30.522	276	320794	20.21	ng/ul	96

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

