

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050433.D
 Acq On : 5 Oct 2021 4:39
 Operator : CG/JU
 Sample : M3879-11MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW411MS

Quant Time: Oct 05 06:04:31 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	8.270	152	61374	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	258570	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	165056	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	344760	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	301741	20.00	ng/ul	-0.02
88) Perylene-d12	25.350	264	300576	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	2728	1.63	ng/uL	0.00
4) Pyridine-d5	4.063	84	15745	3.16	ng/ul	0.00
7) Phenol-d5	7.401	99	51200	9.55	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	33799	10.02	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	35897	9.55	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	35162	8.66	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	19757	10.92	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	21372	11.01	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	36486	9.52	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	45937	8.39	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	118740	10.51	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	150927	10.64	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	17036	7.83	ng/ul	0.00
60) Fluorene-d10	15.873	176	107608	10.57	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	14662	8.53	ng/ul	0.00
73) Anthracene-d10	17.724	188	160966	11.05	ng/ul	-0.01
81) Pyrene-d10	19.998	212	185620	11.57	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.115	264	158202	10.47	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	8018	3.97	ng/uL	98
5) Pyridine	4.087	79	35442	7.03	ng/ul	94
6) Benzaldehyde	7.401	77	47001	13.29	ng/ul	96
8) Phenol	7.430	94	70040	12.74	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	50426	12.23	ng/ul	97
12) 2-Chlorophenol	7.824	128	46515	12.10	ng/ul#	87
13) 2-Methylphenol	8.693	108	47880	11.82	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.787	45	82867	13.40	ng/ul	97
16) Acetophenone	9.093	105	81972	12.71	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.069	70	48747	12.58	ng/ul	99
18) 4-Methylphenol	9.022	108	51110	11.91	ng/ul	100
19) Hexachloroethane	9.363	117	19648	11.89	ng/ul	96
22) Nitrobenzene	9.481	77	70703	13.04	ng/ul	98
23) Isophorone	10.004	82	130886	12.56	ng/ul	99
25) 2-Nitrophenol	10.197	139	25952	13.01	ng/ul	96
26) 2,4-Dimethylphenol	10.239	107	38940	7.86	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.479	93	69749	12.40	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	46668	12.30	ng/ul	98
30) Naphthalene	11.143	128	161445	12.16	ng/ul	98
32) 4-Chloroaniline	11.243	127	61747	11.20	ng/ul	100
33) Hexachlorobutadiene	11.420	225	31292	11.35	ng/ul	95
34) Caprolactam	11.995	113	15087	10.29	ng/ul	88
35) 4-Chloro-3-methylphenol	12.336	107	55825	12.48	ng/ul	98
36) 2-Methylnaphthalene	12.730	142	114925	12.73	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	108568	11.95	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.088	216	60636	12.73	ng/ul#	96
40) Hexachlorocyclopentadiene	13.065	237	22175	7.02	ng/ul	96
41) 2,4,6-Trichlorophenol	13.317	196	40509	13.49	ng/ul	96
42) 2,4,5-Trichlorophenol	13.388	196	43787	13.33	ng/ul	93
43) 1,1'-Biphenyl	13.723	154	143255	12.90	ng/ul	98
44) 2-Chloronaphthalene	13.770	162	111500	12.81	ng/ul	98
45) 2-Nitroaniline	13.964	65	43755	15.36	ng/ul	95
47) Dimethylphthalate	14.322	163	148454	13.06	ng/ul	99
48) 2,6-Dinitrotoluene	14.445	165	30029	14.05	ng/ul	95
50) Acenaphthylene	14.610	152	173105	12.03	ng/ul	97
51) 3-Nitroaniline	14.780	138	31295	13.46	ng/ul	91
52) Acenaphthene	14.951	153	123633	13.00	ng/ul	98
53) 2,4-Dinitrophenol	14.980	184	12083	9.07	ng/ul	86
55) 4-Nitrophenol	15.062	109	25670	11.93	ng/ul	94
56) Dibenzofuran	15.280	168	174996	12.65	ng/ul	96
57) 2,4-Dinitrotoluene	15.233	165	42363	13.65	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.497	232	35329	12.51	ng/ul	92
59) Diethylphthalate	15.679	149	156679	13.21	ng/ul	99
61) Fluorene	15.926	166	141175	12.83	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.914	204	74251	12.46	ng/ul	97
63) 4-Nitroaniline	15.938	138	32189	13.71	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.991	198	20801	12.24	ng/ul	96
67) N-Nitrosodiphenylamine	16.126	169	124217	14.25	ng/ul	98
68) 4-Bromophenyl-phenylether	16.807	248	43516	13.56	ng/ul	92
69) Hexachlorobenzene	16.925	284	43492	12.87	ng/ul	96
70) Atrazine	17.066	200	50709	13.66	ng/ul	93
71) Pentachlorophenol	17.266	266	25304	11.43	ng/ul	100
72) Phenanthrene	17.671	178	233876	13.59	ng/ul	99
74) Anthracene	17.759	178	230833	13.54	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	62476	13.75	ng/uL	96
76) Pentachlorobenzene	15.197	250	55573	13.38	ng/uL	98
77) Carbazole	18.024	167	211987	13.90	ng/ul	99
78) Di-n-butylphthalate	18.564	149	268805	14.87	ng/ul	99
80) Fluoranthene	19.669	202	289051	14.35	ng/ul	99
82) Pyrene	20.027	202	282931	14.24	ng/ul	98
83) Butylbenzylphthalate	20.897	149	113272	15.47	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	77927	12.53	ng/ul	97
85) Benzo(a)anthracene	21.907	228	252772	13.90	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.790	149	165527	15.73	ng/ul	99
87) Chrysene	21.978	228	243843	13.99	ng/ul	99
89) Di-n-octyl phthalate	23.076	149	281144	16.28	ng/ul	100
90) Benzo(b)fluoranthene	24.257	252	255764	13.97	ng/ul	99
91) Benzo(k)fluoranthene	24.328	252	243987	14.32	ng/ul	99
93) Benzo(a)pyrene	25.192	252	221174	12.66	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.275	276	270967	13.82	ng/ul	95
95) Dibenzo(a,h)anthracene	29.346	278	226082	13.55	ng/ul	99
96) Benzo(g,h,i)perylene	30.515	276	198205	11.99	ng/ul	98

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

