

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050368.D
 Acq On : 1 Oct 2021 23:13
 Operator : CG/JU
 Sample : M3874-02MS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S7MS

Manual Integrations
 APPROVED

Quant Time: Oct 02 00:02:52 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	45015	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	182846	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	123129	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.629	188	269079	20.00	ng/ul	0.00
79) Chrysene-d12	21.936	240	250346	20.00	ng/ul	-0.01
88) Perylene-d12	25.356	264	256969	20.00	ng/ul	-0.02

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System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	7096	5.79	ng/uL	0.00
4) Pyridine-d5	4.063	84	58348	15.98	ng/ul	0.00
7) Phenol-d5	7.400	99	125785	31.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	85917	34.71	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	90084	32.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	86402	29.02	ng/ul	0.00
21) Nitrobenzene-d5	9.439	128	47373	37.04	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	49804	36.28	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.702	165	94334	34.80	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	110135	28.44	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	279052	33.12	ng/ul	-0.01
49) Acenaphthylene-d8	14.586	160	354458	33.49	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	49251	30.35	ng/ul	0.00
60) Fluorene-d10	15.873	176	254348	33.50	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.978	200	44590	33.22	ng/ul	0.00
73) Anthracene-d10	17.729	188	382546	33.65	ng/ul	0.00
81) Pyrene-d10	20.003	212	473800	35.59	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.121	264	424503	32.85	ng/ul	-0.02

10/4/2021 11:50:28 AM

Target Compounds				Qvalue	
2) 1,4-Dioxane	3.675	88	22083	14.90	ng/uL# 88
5) Pyridine	4.080	79	146129	39.51	ng/ul 97
6) Benzaldehyde	7.400	77	112425	43.34	ng/ul 98
8) Phenol	7.430	94	167313	41.50	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.676	93	126979	41.99	ng/ul 99
12) 2-Chlorophenol	7.829	128	114410	40.58	ng/ul 96
13) 2-Methylphenol	8.699	108	119338	40.17	ng/ul 94
14) 2,2'-oxybis(1-Chloropr...	8.793	45	199546	43.99	ng/ul 98
16) Acetophenone	9.098	105	190570	40.29	ng/ul 97
17) N-Nitroso-di-n-propyla...	9.075	70	115055	40.48	ng/ul 96
18) 4-Methylphenol	9.028	108	127236	40.44	ng/ul 95
19) Hexachloroethane	9.363	117	48997	40.44	ng/ul 98
22) Nitrobenzene	9.486	77	171617	44.77	ng/ul 99
23) Isophorone	10.009	82	302595	41.07	ng/ul 99
25) 2-Nitrophenol	10.197	139	63940	45.32	ng/ul 95
26) 2,4-Dimethylphenol	10.238	107	115153	32.88	ng/ul 98
27) Bis(2-Chloroethoxy)met...	10.485	93	166473	41.85	ng/ul 98
29) 2,4-Dichlorophenol	10.732	162	114651	42.72	ng/ul 93
30) Naphthalene	11.149	128	375596	40.01	ng/ul 98
32) 4-Chloroaniline	11.249	127	146765	37.64	ng/ul 96
33) Hexachlorobutadiene	11.425	225	77942	39.96	ng/ul 96
34) Caprolactam	12.012	113	40216m	38.79	ng/ul
35) 4-Chloro-3-methylphenol	12.341	107	133858	42.30	ng/ul 93
36) 2-Methylnaphthalene	12.735	142	269437	42.22	ng/ul 96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	257741	40.11	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.088	216	149021	41.94	ng/ul	96
40) Hexachlorocyclopentadiene	13.070	237	77233	32.78	ng/ul	94
41) 2,4,6-Trichlorophenol	13.323	196	96837	43.24	ng/ul	99
42) 2,4,5-Trichlorophenol	13.393	196	103403	42.21	ng/ul	98
43) 1,1'-Biphenyl	13.728	154	336501	40.61	ng/ul	99
44) 2-Chloronaphthalene	13.775	162	265553	40.91	ng/ul	98
45) 2-Nitroaniline	13.969	65	100846	47.45	ng/ul	93
47) Dimethylphthalate	14.333	163	341664	40.30	ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	69635	43.66	ng/ul	91
50) Acenaphthylene	14.615	152	399050	37.18	ng/ul	99
51) 3-Nitroaniline	14.780	138	71341	41.12	ng/ul	90
52) Acenaphthene	14.950	153	293778	41.41	ng/ul	99
53) 2,4-Dinitrophenol	14.985	184	43112	43.37	ng/ul#	88
55) 4-Nitrophenol	15.068	109	67957	42.34	ng/ul	96
56) Dibenzofuran	15.285	168	407414	39.48	ng/ul	95
57) 2,4-Dinitrotoluene	15.238	165	98214	42.41	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.502	232	88613	42.06	ng/ul#	95
59) Diethylphthalate	15.685	149	354772	40.10	ng/ul	98
61) Fluorene	15.931	166	323403	39.40	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.920	204	175545	39.49	ng/ul	92
63) 4-Nitroaniline	15.943	138	72595	41.44	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.996	198	56479	42.57	ng/ul	94
67) N-Nitrosodiphenylamine	16.125	169	287545	42.26	ng/ul	99
68) 4-Bromophenyl-phenylether	16.813	248	107198	42.79	ng/ul	93
69) Hexachlorobenzene	16.930	284	110859	42.02	ng/ul	95
70) Atrazine	17.071	200	118886	41.04	ng/ul	96
71) Pentachlorophenol	17.271	266	72776	42.13	ng/ul	98
72) Phenanthrene	17.670	178	548404	40.83	ng/ul	99
74) Anthracene	17.764	178	537663	40.42	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.693	216	154209	43.47	ng/uL	95
76) Pentachlorobenzene	15.197	250	134580	41.53	ng/uL	99
77) Carbazole	18.029	167	504948	42.41	ng/ul	99
78) Di-n-butylphthalate	18.569	149	611888	43.37	ng/ul	98
80) Fluoranthene	19.668	202	687532	41.13	ng/ul	99
82) Pyrene	20.032	202	675014	40.95	ng/ul	98
83) Butylbenzylphthalate	20.902	149	273382	44.99	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.819	252	201646	39.08	ng/ul	99
85) Benzo(a)anthracene	21.913	228	633066	41.95	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.795	149	410117	46.97	ng/ul	98
87) Chrysene	21.983	228	602285	41.64	ng/ul	99
89) Di-n-octyl phthalate	23.082	149	680900	46.11	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	655895	41.90	ng/ul	99
91) Benzo(k)fluoranthene	24.333	252	623049	42.78	ng/ul	98
93) Benzo(a)pyrene	25.197	252	575573	38.54	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.292	276	708941	42.28	ng/ul	98
95) Dibenzo(a,h)anthracene	29.368	278	592853	41.55	ng/ul	98
96) Benzo(g,h,i)perylene	30.526	276	580030	41.04	ng/ul	99

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

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