

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
 Data File : BG056809.D
 Acq On : 3 Mar 2023 18:31
 Operator : CG/JU
 Sample : PB151148BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS148

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/06/2023

Quant Time: Mar 03 22:25:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 02 00:12:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.416	152	13642	20.000	ng/ul	0.00
20) Naphthalene-d8	11.254	136	58807	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.020	164	47481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.752	188	118791	20.000	ng/ul	0.00
79) Chrysene-d12	22.059	240	114013	20.000	ng/ul	0.00
88) Perylene-d12	25.584	264	127489	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.698	96	1857	7.551	ng/uL	0.00
4) Pyridine-d5	4.133	84	33177	33.423	ng/ul	0.00
7) Phenol-d5	7.535	99	40019	29.315	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.723	67	25008	30.032	ng/ul	0.00
11) 2-Chlorophenol-d4	7.940	132	25219	27.818	ng/ul	0.00
15) 4-Methylphenol-d8	9.104	113	30211	28.963	ng/ul	0.00
21) Nitrobenzene-d5	9.591	128	14205	28.824	ng/ul	0.00
24) 2-Nitrophenol-d4	10.320	143	16976	28.938	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	33349	30.176	ng/ul	0.00
31) 4-Chloroaniline-d4	11.378	131	38298	26.569	ng/ul	0.00
46) Dimethylphthalate-d6	14.409	166	112159	29.278	ng/ul	0.00
49) Acenaphthylene-d8	14.721	160	128280	29.463	ng/ul	0.00
54) 4-Nitrophenol-d4	15.179	143	18354	27.789	ng/ul	0.00
60) Fluorene-d10	16.002	176	106332	30.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.101	200	21660	27.254	ng/ul	0.00
73) Anthracene-d10	17.852	188	168645	29.263	ng/ul	0.00
81) Pyrene-d10	20.108	212	203817	26.418	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.338	264	201716	29.313	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.734	88	4347	14.336	ng/uL	92
5) Pyridine	4.157	79	35081	33.371	ng/ul	91
6) Benzaldehyde	7.535	77	27540	38.507	ng/ul	94
8) Phenol	7.564	94	42216	30.318	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.811	93	29464	29.781	ng/ul	95
12) 2-Chlorophenol	7.970	128	26426	29.435	ng/ul	90
13) 2-Methylphenol	8.839	108	30279	28.829	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.933	45	39809m	29.944	ng/ul	
16) Acetophenone	9.239	105	53349	29.867	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.215	70	29421	28.706	ng/ul	99
18) 4-Methylphenol	9.168	108	33894	29.699	ng/ul	99
19) Hexachloroethane	9.521	117	11644	30.500	ng/ul	92
22) Nitrobenzene	9.633	77	46222	32.343	ng/ul	99
23) Isophorone	10.155	82	84536	30.257	ng/ul#	96
25) 2-Nitrophenol	10.349	139	17359	29.977	ng/ul#	84
26) 2,4-Dimethylphenol	10.390	107	40490	31.309	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.631	93	43552	30.839	ng/ul	97
29) 2,4-Dichlorophenol	10.884	162	34294	32.044	ng/ul	95
30) Naphthalene	11.307	128	97738	30.194	ng/ul	100
32) 4-Chloroaniline	11.401	127	35288	24.714	ng/ul	91
33) Hexachlorobutadiene	11.583	225	27362	32.079	ng/ul	86
34) Caprolactam	12.141	113	11051	30.374	ng/ul#	84
35) 4-Chloro-3-methylphenol	12.482	107	37318	30.353	ng/ul	94
36) 2-Methylnaphthalene	12.882	142	71086	30.664	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.093	142	70421	30.810	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.234	216	53898	32.017	ng/ul	98
40) Hexachlorocyclopentadiene	13.211	237	31413	26.042	ng/ul	89
41) 2,4,6-Trichlorophenol	13.463	196	35234	31.324	ng/ul	93
42) 2,4,5-Trichlorophenol	13.534	196	39025	31.952	ng/ul	99
43) 1,1'-Biphenyl	13.863	154	105847	30.316	ng/ul	97
44) 2-Chloronaphthalene	13.910	162	88202	30.532	ng/ul	97
45) 2-Nitroaniline	14.098	65	31453	31.368	ng/ul	89
47) Dimethylphthalate	14.456	163	117886	30.260	ng/ul#	98
48) 2,6-Dinitrotoluene	14.580	165	24882	31.157	ng/ul	90
50) Acenaphthylene	14.750	152	133290	30.303	ng/ul	98
51) 3-Nitroaniline	14.909	138	21738	30.414	ng/ul#	89
52) Acenaphthene	15.085	153	92657	30.665	ng/ul	93
53) 2,4-Dinitrophenol	15.108	184	14024	27.411	ng/ul	96
55) 4-Nitrophenol	15.191	109	23203m	30.350	ng/ul	
56) Dibenzofuran	15.414	168	139325	30.375	ng/ul	95
57) 2,4-Dinitrotoluene	15.361	165	35274	30.809	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.631	232	34714	30.542	ng/ul#	98
59) Diethylphthalate	15.802	149	115550	29.631	ng/ul	97
61) Fluorene	16.060	166	108965	29.668	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.037	204	67361	30.964	ng/ul	98
63) 4-Nitroaniline	16.060	138	22825	32.684	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.119	198	22034	28.798	ng/ul	96
67) N-Nitrosodiphenylamine	16.248	169	99229	30.039	ng/ul	96
68) 4-Bromophenyl-phenylether	16.930	248	46621	30.969	ng/ul	97
69) Hexachlorobenzene	17.059	284	51448	31.811	ng/ul	98
70) Atrazine	17.177	200	41593	28.991	ng/ul	96
71) Pentachlorophenol	17.400	266	24900	27.114	ng/ul	95
72) Phenanthrene	17.799	178	195891	30.443	ng/ul	100
74) Anthracene	17.888	178	197173	30.322	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.833	216	55686	30.642	ng/uL	97
76) Pentachlorobenzene	15.332	250	57677	31.293	ng/uL	95
77) Carbazole	18.146	167	165061	30.337	ng/ul	99
78) Di-n-butylphthalate	18.675	149	189877	30.280	ng/ul	100
80) Fluoranthene	19.779	202	251151	26.923	ng/ul	97
82) Pyrene	20.138	202	252116	27.433	ng/ul	99
83) Butylbenzylphthalate	20.996	149	83619	28.681	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.936	252	83788	29.311	ng/ul	99
85) Benzo(a)anthracene	22.041	228	261006	31.454	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.900	149	119791	29.249	ng/ul	99
87) Chrysene	22.112	228	235675	30.494	ng/ul	99
89) Di-n-octyl phthalate	23.217	149	206376	29.776	ng/ul	100
90) Benzo(b)fluoranthene	24.456	252	261110	30.594	ng/ul	99
91) Benzo(k)fluoranthene	24.533	252	255850	30.777	ng/ul	97
93) Benzo(a)pyrene	25.420	252	224473	29.922	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.638	276	312952m	30.708	ng/ul	
95) Dibenzo(a,h)anthracene	29.715	278	252789	29.666	ng/ul	96
96) Benzo(g,h,i)perylene	30.919	276	244606	30.048	ng/ul	98

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

