

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058950.D
 Acq On : 9 Sep 2023 14:13
 Operator : MA/JU
 Sample : PB155303BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS303

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/11/2023

Quant Time: Sep 10 02:18:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 00:11:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	42353	20.000	ng/u1	0.00
20) Naphthalene-d8	11.176	136	192310	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.953	164	163452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.703	188	417362m	20.000	ng/u1	0.00
79) Chrysene-d12	22.028	240	371493	20.000	ng/u1	0.00
88) Perylene-d12	25.600	264	419136	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	8360m	9.468	ng/uL	0.00
4) Pyridine-d5	4.072	84	123730	40.810	ng/u1	0.00
7) Phenol-d5	7.439	99	216825	51.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	114519	48.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.844	132	131203	52.362	ng/u1	0.00
15) 4-Methylphenol-d8	9.013	113	160924	49.428	ng/u1	0.00
21) Nitrobenzene-d5	9.530	128	65341	57.683	ng/u1	0.00
24) 2-Nitrophenol-d4	10.241	143	77237	62.244	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	191791	53.274	ng/u1	0.00
31) 4-Chloroaniline-d4	11.317	131	196385	42.526	ng/u1	0.00
46) Dimethylphthalate-d6	14.354	166	652341	51.701	ng/u1	0.00
49) Acenaphthylene-d8	14.660	160	679506	49.824	ng/u1	0.00
54) 4-Nitrophenol-d4	15.124	143	83734	50.230	ng/u1	0.00
60) Fluorene-d10	15.941	176	580996	48.856	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.046	200	109010	57.369	ng/u1	0.00
73) Anthracene-d10	17.803	188	945892	49.822	ng/u1	0.00
81) Pyrene-d10	20.071	212	1000201	46.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.359	264	1119498	54.221	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.673	88	17914	16.659	ng/uL#	82
5) Pyridine	4.090	79	139781	43.797	ng/u1	93
6) Benzaldehyde	7.474	77	113674	45.909	ng/u1	96
8) Phenol	7.468	94	220366	50.304	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.744	93	157006	48.325	ng/u1	94
12) 2-Chlorophenol	7.874	128	128349	50.802	ng/u1	96
13) 2-Methylphenol	8.749	108	171526	52.293	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.837	45	185848	49.703	ng/u1#	92
16) Acetophenone	9.172	105	287074	49.452	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.143	70	158917	52.341	ng/u1#	95
18) 4-Methylphenol	9.078	108	190826	53.165	ng/u1	99
19) Hexachloroethane	9.413	117	54346	52.703	ng/u1#	83
22) Nitrobenzene	9.572	77	216162	55.796	ng/u1	97
23) Isophorone	10.083	82	462328	47.830	ng/u1	98
25) 2-Nitrophenol	10.277	139	84896	63.427	ng/u1#	76
26) 2,4-Dimethylphenol	10.300	107	193487	46.495	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.565	93	244527	48.850	ng/u1	96
29) 2,4-Dichlorophenol	10.800	162	183187	53.682	ng/u1	91
30) Naphthalene	11.228	128	501246	48.249	ng/u1	97
32) 4-Chloroaniline	11.340	127	178296	40.707	ng/u1	98
33) Hexachlorobutadiene	11.458	225	156496	46.828	ng/u1	86
34) Caprolactam	12.121	113	56131m	49.723	ng/u1	
35) 4-Chloro-3-methylphenol	12.409	107	213360	53.216	ng/u1	98
36) 2-Methylnaphthalene	12.803	142	385903	49.070	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058950.D
 Acq On : 9 Sep 2023 14:13
 Operator : MA/JU
 Sample : PB155303BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS303

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/11/2023

Quant Time: Sep 10 02:18:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 00:11:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	375419	46.671	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.144	216	318725	52.259	ng/ul	96
40) Hexachlorocyclopentadiene	13.103	237	197799	45.062	ng/ul	98
41) 2,4,6-Trichlorophenol	13.385	196	201108	56.744	ng/ul	95
42) 2,4,5-Trichlorophenol	13.455	196	215376	56.680	ng/ul	95
43) 1,1'-Biphenyl	13.796	154	589299	52.987	ng/ul	99
44) 2-Chloronaphthalene	13.849	162	471292	53.134	ng/ul	98
45) 2-Nitroaniline	14.055	65	144975	73.921	ng/ul	98
47) Dimethylphthalate	14.401	163	689375	53.737	ng/ul	97
48) 2,6-Dinitrotoluene	14.542	165	125843	69.114	ng/ul	94
50) Acenaphthylene	14.689	152	757741	49.789	ng/ul	97
51) 3-Nitroaniline	14.877	138	116435	63.459	ng/ul	95
52) Acenaphthene	15.018	153	520037	52.481	ng/ul	96
53) 2,4-Dinitrophenol	15.065	184	76234	49.493	ng/ul#	84
55) 4-Nitrophenol	15.141	109	117244	56.232	ng/ul	87
56) Dibenzofuran	15.353	168	804324	54.374	ng/ul	97
57) 2,4-Dinitrotoluene	15.318	165	173387	66.011	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.553	232	207597	51.708	ng/ul#	98
59) Diethylphthalate	15.747	149	587572	50.961	ng/ul	99
61) Fluorene	15.999	166	632566	50.370	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.982	204	391936	52.024	ng/ul	92
63) 4-Nitroaniline	16.040	138	110255	64.582	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.064	198	119985m	60.148	ng/ul	
67) N-Nitrosodiphenylamine	16.199	169	574504	55.973	ng/ul	97
68) 4-Bromophenyl-phenylether	16.881	248	261124	51.524	ng/ul	96
69) Hexachlorobenzene	16.969	284	315371	53.926	ng/ul	99
70) Atrazine	17.133	200	94083	22.831	ng/ul	97
71) Pentachlorophenol	17.321	266	158731m	44.193	ng/ul	
72) Phenanthrene	17.744	178	1057264m	52.180	ng/ul	
74) Anthracene	17.838	178	1045229	50.526	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.749	216	33765	5.571	ng/uL	94
76) Pentachlorobenzene	15.247	250	375270	61.439	ng/uL	95
77) Carbazole	18.114	167	816672	52.012	ng/ul	99
78) Di-n-butylphthalate	18.632	149	821945	58.231	ng/ul	96
80) Fluoranthene	19.736	202	1229796	46.967	ng/ul	98
82) Pyrene	20.100	202	1264315	48.206	ng/ul	98
83) Butylbenzylphthalate	20.970	149	328468	72.230	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.916	252	454077	55.959	ng/ul	96
85) Benzo(a)anthracene	22.010	228	1343012	53.099	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.863	149	496008	69.920	ng/ul#	95
87) Chrysene	22.080	228	1258585	53.120	ng/ul	97
89) Di-n-octyl phthalate	23.203	149	860386	65.731	ng/ul	100
90) Benzo(b)fluoranthene	24.448	252	1417676	56.165	ng/ul	100
91) Benzo(k)fluoranthene	24.525	252	1418943	55.869	ng/ul	99
93) Benzo(a)pyrene	25.435	252	1252010	53.012	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.748	276	1686280m	57.271	ng/ul	
95) Dibenzo(a,h)anthracene	29.842	278	1396283	58.316	ng/ul	98
96) Benzo(g,h,i)perylene	31.058	276	1364586	58.372	ng/ul	99

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

