

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058000.D
 Acq On : 4 Jul 2023 23:53
 Operator : CG/JU
 Sample : PB153782BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS782

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 02:21:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	58460	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	283213	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	190175	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	414004	20.000	ng/u1	0.00
79) Chrysene-d12	21.578	240	332340	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	399323	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	10312	6.177	ng/uL	0.00
4) Pyridine-d5	3.788	84	162682	32.097	ng/u1	0.00
7) Phenol-d5	7.107	99	218033	36.520	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	128372	35.680	ng/u1	0.00
11) 2-Chlorophenol-d4	7.477	132	159580	38.755	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	168850	37.482	ng/u1	0.01
21) Nitrobenzene-d5	9.105	128	83410	36.135	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	92432	38.100	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	172657	37.099	ng/u1	0.00
31) 4-Chloroaniline-d4	10.885	131	226131	32.048	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	503335	33.544	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	590466	36.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	87607	33.046	ng/u1	0.01
60) Fluorene-d10	15.568	176	438890	34.441	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.691	200	83680	37.223	ng/u1	0.01
73) Anthracene-d10	17.419	188	650231	33.847	ng/u1	0.00
81) Pyrene-d10	19.704	212	754098	36.028	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.528	264	792284	38.943	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.412	88	23933	11.604	ng/uL	98
5) Pyridine	3.805	79	166630	32.087	ng/u1	98
6) Benzaldehyde	7.078	77	123605	61.994	ng/u1	97
8) Phenol	7.137	94	238331	39.339	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.360	93	167592	35.826	ng/u1	99
12) 2-Chlorophenol	7.507	128	165139	38.540	ng/u1	95
13) 2-Methylphenol	8.388	108	184075	38.687	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.464	45	266954	37.073	ng/u1	97
16) Acetophenone	8.764	105	272430	36.450	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.752	70	140439	35.149	ng/u1	98
18) 4-Methylphenol	8.717	108	196649	38.222	ng/u1	100
19) Hexachloroethane	9.023	117	61025	37.150	ng/u1	94
22) Nitrobenzene	9.146	77	211578	35.308	ng/u1	95
23) Isophorone	9.669	82	424696	33.215	ng/u1	97
25) 2-Nitrophenol	9.863	139	98148	37.703	ng/u1	95
26) 2,4-Dimethylphenol	9.922	107	163618	27.951	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.151	93	241666	33.540	ng/u1	98
29) 2,4-Dichlorophenol	10.397	162	169757	37.516	ng/u1	94
30) Naphthalene	10.797	128	564148	35.445	ng/u1	98
32) 4-Chloroaniline	10.909	127	197406	27.361	ng/u1	98
33) Hexachlorobutadiene	11.079	225	116369	36.326	ng/u1	97
34) Caprolactam	11.684	113	56999m	31.332	ng/u1	
35) 4-Chloro-3-methylphenol	12.037	107	202204	36.378	ng/u1	97
36) 2-Methylnaphthalene	12.407	142	377105	35.148	ng/u1	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058000.D
 Acq On : 4 Jul 2023 23:53
 Operator : CG/JU
 Sample : PB153782BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS782

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 02:21:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	376618	35.005	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.771	216	224821	38.793	ng/ul	100
40) Hexachlorocyclopentadiene	12.748	237	79182	21.691	ng/ul	98
41) 2,4,6-Trichlorophenol	13.012	196	153955	39.195	ng/ul	99
42) 2,4,5-Trichlorophenol	13.088	196	165937	39.062	ng/ul	97
43) 1,1'-Biphenyl	13.412	154	495752	36.173	ng/ul	99
44) 2-Chloronaphthalene	13.453	162	406324	36.941	ng/ul	100
45) 2-Nitroaniline	13.658	65	143064	37.410	ng/ul	97
47) Dimethylphthalate	14.028	163	506229	33.580	ng/ul	99
48) 2,6-Dinitrotoluene	14.152	165	112612	36.392	ng/ul	92
50) Acenaphthylene	14.299	152	623797	35.279	ng/ul	98
51) 3-Nitroaniline	14.487	138	114223	43.680	ng/ul	98
52) Acenaphthene	14.640	153	432785	35.669	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	56665	35.125	ng/ul	98
55) 4-Nitrophenol	14.798	109	65712	33.460	ng/ul	88
56) Dibenzofuran	14.974	168	609325	35.328	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	156356	35.663	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.204	232	139721	36.130	ng/ul#	100
59) Diethylphthalate	15.392	149	522591	33.214	ng/ul	99
61) Fluorene	15.627	166	481557	34.028	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	262153	35.009	ng/ul	97
63) 4-Nitroaniline	15.650	138	109410	46.705	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.703	198	89032	38.727	ng/ul	96
67) N-Nitrosodiphenylamine	15.826	169	411474	37.346	ng/ul	99
68) 4-Bromophenyl-phenylether	16.508	248	179974	39.603	ng/ul	99
69) Hexachlorobenzene	16.625	284	196517	38.624	ng/ul	98
70) Atrazine	16.778	200	118228	26.240	ng/ul	93
71) Pentachlorophenol	16.972	266	110300	36.110	ng/ul	97
72) Phenanthrene	17.366	178	743591	35.310	ng/ul	99
74) Anthracene	17.454	178	728757	34.196	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.376	216	236388	43.053	ng/uL	96
76) Pentachlorobenzene	14.898	250	523619	89.293	ng/uL	99
77) Carbazole	17.724	167	692307	35.920	ng/ul	99
78) Di-n-butylphthalate	18.276	149	852958	34.742	ng/ul	99
80) Fluoranthene	19.375	202	866520	35.727	ng/ul	99
82) Pyrene	19.734	202	865118	35.436	ng/ul	98
83) Butylbenzylphthalate	20.615	149	371211	37.496	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.473	252	337649	41.967	ng/ul	98
85) Benzo(a)anthracene	21.555	228	882111	36.966	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.455	149	530725	37.410	ng/ul	98
87) Chrysene	21.625	228	822065	36.749	ng/ul	99
89) Di-n-octyl phthalate	22.648	149	940477	38.332	ng/ul	100
90) Benzo(b)fluoranthene	23.741	252	928711	37.561	ng/ul	100
91) Benzo(k)fluoranthene	23.805	252	918374	37.895	ng/ul	99
93) Benzo(a)pyrene	24.598	252	824318	37.667	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.353	276	1006952	34.650	ng/ul	99
95) Dibenzo(a,h)anthracene	28.429	278	887269	37.026	ng/ul	98
96) Benzo(g,h,i)perylene	29.493	276	766438	32.290	ng/ul	100

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

