

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062742.D
 Acq On : 11 Sep 2024 19:03
 Operator : JU/RC
 Sample : PB163193BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS193

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 00:00:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	76480	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	332652	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.530	164	295502	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	757872	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	773364	20.000	ng/u1	0.00
88) Perylene-d12	24.589	264	847130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	9065	5.358	ng/uL	0.00
4) Pyridine-d5	3.766	84	119380	22.167	ng/u1	0.00
7) Phenol-d5	7.068	99	170192	25.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.233	67	93935	23.362	ng/u1	0.00
11) 2-Chlorophenol-d4	7.438	132	123252	25.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	141503	25.320	ng/u1	0.00
21) Nitrobenzene-d5	9.060	128	64846	27.275	ng/u1	0.00
24) 2-Nitrophenol-d4	9.777	143	80103	30.807	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	158805	28.045	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	180212	23.153	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	566574	24.898	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	646857	25.595	ng/u1	0.00
54) 4-Nitrophenol-d4	14.730	143	101478	26.251	ng/u1	0.00
60) Fluorene-d10	15.523	176	533826	26.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	123367	28.299	ng/u1	0.00
73) Anthracene-d10	17.379	188	906189	25.336	ng/u1	0.00
81) Pyrene-d10	19.665	212	1164836	26.766	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.383	264	1180227	26.385	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	16323	8.608	ng/uL#	92
5) Pyridine	3.784	79	126287	22.357	ng/u1	99
6) Benzaldehyde	7.039	77	78804m	21.372	ng/u1	
8) Phenol	7.097	94	172698	24.772	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.327	93	125249	23.766	ng/u1	99
12) 2-Chlorophenol	7.468	128	131143	26.256	ng/u1	95
13) 2-Methylphenol	8.343	108	135312	25.884	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.431	45	221202	23.320	ng/u1	99
16) Acetophenone	8.719	105	221388	24.374	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.707	70	120442	25.330	ng/u1	96
18) 4-Methylphenol	8.672	108	149214	25.371	ng/u1	97
19) Hexachloroethane	8.983	117	50962	25.345	ng/u1	90
22) Nitrobenzene	9.101	77	170529	26.514	ng/u1	95
23) Isophorone	9.624	82	342295	26.031	ng/u1	99
25) 2-Nitrophenol	9.812	139	81564	28.461	ng/u1	95
26) 2,4-Dimethylphenol	9.871	107	120654	19.703	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.106	93	187583	25.525	ng/u1	97
29) 2,4-Dichlorophenol	10.341	162	149799	26.859	ng/u1	99
30) Naphthalene	10.746	128	446665	25.043	ng/u1	99
32) 4-Chloroaniline	10.852	127	165720	21.408	ng/u1	99
33) Hexachlorobutadiene	11.034	225	126122	27.145	ng/u1	94
34) Caprolactam	11.604	113	56208m	27.345	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	177088	29.107	ng/u1	98
36) 2-Methylnaphthalene	12.356	142	351137	26.674	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062742.D
 Acq On : 11 Sep 2024 19:03
 Operator : JU/RC
 Sample : PB163193BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS193

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2024

Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 00:00:13 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Sep 10 01:28:17 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.573	142	358638	26.597	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.726	216	259796	25.573	ng/ul#	96
40) Hexachlorocyclopentadiene	12.703	237	105200	20.238	ng/ul	97
41) 2,4,6-Trichlorophenol	12.961	196	141068	22.925	ng/ul	97
42) 2,4,5-Trichlorophenol	13.037	196	163503	24.748	ng/ul	95
43) 1,1'-Biphenyl	13.367	154	508278	24.460	ng/ul	99
44) 2-Chloronaphthalene	13.408	162	420402	24.880	ng/ul	98
45) 2-Nitroaniline	13.607	65	128397	27.691	ng/ul	99
47) Dimethylphthalate	13.983	163	593051	25.306	ng/ul	99
48) 2,6-Dinitrotoluene	14.107	165	114736	27.790	ng/ul	98
50) Acenaphthylene	14.254	152	700337	26.248	ng/ul	100
51) 3-Nitroaniline	14.436	138	111750	27.035	ng/ul	99
52) Acenaphthene	14.594	153	466115	24.663	ng/ul	99
53) 2,4-Dinitrophenol	14.641	184	76140	27.928	ng/ul	94
55) 4-Nitrophenol	14.747	109	90058	25.918	ng/ul	96
56) Dibenzofuran	14.929	168	702904	25.035	ng/ul	100
57) 2,4-Dinitrotoluene	14.894	165	176134	27.286	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.159	232	144247	21.545	ng/ul	98
59) Diethylphthalate	15.352	149	582119	25.180	ng/ul	98
61) Fluorene	15.582	166	559868	25.384	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.576	204	330649	25.557	ng/ul	97
63) 4-Nitroaniline	15.599	138	125588	28.234	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.658	198	121881	26.971	ng/ul	95
67) N-Nitrosodiphenylamine	15.787	169	503855	25.923	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	232254	26.632	ng/ul	96
69) Hexachlorobenzene	16.586	284	268692	26.984	ng/ul	98
70) Atrazine	16.733	200	5937	0.686	ng/ul#	89
71) Pentachlorophenol	16.927	266	118100	19.830	ng/ul	97
72) Phenanthrene	17.321	178	1016389	25.789	ng/ul	99
74) Anthracene	17.409	178	1006979	25.063	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	266557	25.755	ng/ul	99
76) Pentachlorobenzene	14.853	250	292159	25.474	ng/ul	97
77) Carbazole	17.679	167	879653	26.401	ng/ul	98
78) Di-n-butylphthalate	18.243	149	1062459	26.963	ng/ul	99
80) Fluoranthene	19.336	202	1300279	26.977	ng/ul	99
82) Pyrene	19.694	202	1352484	26.068	ng/ul	99
83) Butylbenzylphthalate	20.587	149	455865	29.598	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.428	252	451257	27.715	ng/ul	98
85) Benzo(a)anthracene	21.504	228	1434005	26.660	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	652045	28.751	ng/ul	98
87) Chrysene	21.569	228	1341239	26.284	ng/ul	99
89) Di-n-octyl phthalate	22.579	149	1148292	29.141	ng/ul	100
90) Benzo(b)fluoranthene	23.619	252	1442218	27.575	ng/ul	98
91) Benzo(k)fluoranthene	23.684	252	1393719	26.024	ng/ul	98
93) Benzo(a)pyrene	24.448	252	1278919	25.925	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.049	276	1652440	27.187	ng/ul	98
95) Dibenzo(a,h)anthracene	28.108	278	1368337	28.027	ng/ul	99
96) Benzo(g,h,i)perylene	29.125	276	1302272	27.741	ng/ul	98

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

