

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062754.D
 Acq On : 12 Sep 2024 3:29
 Operator : JU/RC
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020481

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2024

Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 05:47:16 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	7.901	152	65766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	299866	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	266535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	697512	20.000	ng/u1	0.00
79) Chrysene-d12	21.526	240	712982	20.000	ng/u1	0.00
88) Perylene-d12	24.587	264	784190	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	10342	7.109	ng/uL	0.00
4) Pyridine-d5	3.764	84	86204	18.614	ng/u1	0.00
7) Phenol-d5	7.066	99	113716	19.719	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	64920	18.777	ng/u1	0.00
11) 2-Chlorophenol-d4	7.436	132	87112	20.738	ng/u1	0.00
15) 4-Methylphenol-d8	8.606	113	97343	20.256	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	43809	20.441	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	50755	21.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	107995	21.157	ng/u1	0.00
31) 4-Chloroaniline-d4	10.827	131	134027	19.102	ng/u1	0.00
46) Dimethylphthalate-d6	13.935	166	380749	18.551	ng/u1	0.00
49) Acenaphthylene-d8	14.223	160	445577	19.547	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	65440	18.768	ng/u1	0.00
60) Fluorene-d10	15.521	176	360936	19.515	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	78947	19.677	ng/u1	0.00
73) Anthracene-d10	17.378	188	649064	19.717	ng/u1	0.00
81) Pyrene-d10	19.663	212	794249	19.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.375	264	817135	19.734	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.388	88	11751	7.207	ng/uL	95
5) Pyridine	3.782	79	92320	19.006	ng/u1	97
6) Benzaldehyde	7.043	77	74242m	23.415	ng/u1	
8) Phenol	7.096	94	117351	19.576	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.325	93	87685	19.349	ng/u1	99
12) 2-Chlorophenol	7.466	128	90281	21.020	ng/u1	94
13) 2-Methylphenol	8.341	108	91284	20.306	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.418	45	152192	18.658	ng/u1	98
16) Acetophenone	8.717	105	156417	20.026	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.706	70	82674	20.220	ng/u1	95
18) 4-Methylphenol	8.670	108	101703	20.110	ng/u1	90
19) Hexachloroethane	8.982	117	35056	20.275	ng/u1	97
22) Nitrobenzene	9.099	77	116425	20.081	ng/u1	96
23) Isophorone	9.622	82	231382	19.520	ng/u1	99
25) 2-Nitrophenol	9.804	139	54656	21.157	ng/u1	94
26) 2,4-Dimethylphenol	9.869	107	112022	20.294	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.104	93	125486	18.942	ng/u1	95
29) 2,4-Dichlorophenol	10.345	162	104735	20.832	ng/u1	94
30) Naphthalene	10.744	128	311328	19.363	ng/u1	98
32) 4-Chloroaniline	10.850	127	134829	19.322	ng/u1	98
33) Hexachlorobutadiene	11.032	225	84406	20.153	ng/u1	93
34) Caprolactam	11.596	113	35640m	19.234	ng/u1	
35) 4-Chloro-3-methylphenol	11.978	107	115311	21.026	ng/u1	99
36) 2-Methylnaphthalene	12.354	142	246945	20.810	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	253358	20.844	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.724	216	173745	18.961	ng/ul	99
40) Hexachlorocyclopentadiene	12.707	237	85943	18.330	ng/ul	96
41) 2,4,6-Trichlorophenol	12.959	196	108892	19.619	ng/ul	97
42) 2,4,5-Trichlorophenol	13.036	196	120314	20.190	ng/ul	94
43) 1,1'-Biphenyl	13.365	154	354803	18.930	ng/ul	98
44) 2-Chloronaphthalene	13.406	162	286987	18.830	ng/ul	98
45) 2-Nitroaniline	13.606	65	81775	19.553	ng/ul	98
47) Dimethylphthalate	13.982	163	395575	18.714	ng/ul	99
48) 2,6-Dinitrotoluene	14.105	165	75442	20.258	ng/ul	94
50) Acenaphthylene	14.252	152	465738	19.352	ng/ul	100
51) 3-Nitroaniline	14.428	138	75468	20.242	ng/ul	96
52) Acenaphthene	14.593	153	329732	19.342	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	45614	18.550	ng/ul	95
55) 4-Nitrophenol	14.740	109	59161	18.876	ng/ul	97
56) Dibenzofuran	14.928	168	496866	19.620	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	116561	20.020	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	125697	20.814	ng/ul	99
59) Diethylphthalate	15.351	149	398282	19.100	ng/ul	99
61) Fluorene	15.580	166	388572	19.532	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	230473	19.750	ng/ul	99
63) 4-Nitroaniline	15.592	138	81145m	20.225	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.656	198	80968	19.468	ng/ul	99
67) N-Nitrosodiphenylamine	15.786	169	349652	19.546	ng/ul	97
68) 4-Bromophenyl-phenylether	16.467	248	160204	19.960	ng/ul	95
69) Hexachlorobenzene	16.585	284	185743	20.268	ng/ul	98
70) Atrazine	16.737	200	158365	19.877	ng/ul	98
71) Pentachlorophenol	16.931	266	111155	20.278	ng/ul	99
72) Phenanthrene	17.319	178	711149	19.606	ng/ul	100
74) Anthracene	17.407	178	726607	19.649	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	184540	19.373	ng/ul	100
76) Pentachlorobenzene	14.851	250	209443	19.842	ng/ul	96
77) Carbazole	17.677	167	609679	19.882	ng/ul	99
78) Di-n-butylphthalate	18.241	149	719161	19.830	ng/ul	100
80) Fluoranthene	19.334	202	886426	19.948	ng/ul	99
82) Pyrene	19.693	202	949813	19.857	ng/ul	99
83) Butylbenzylphthalate	20.586	149	302623	21.312	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.426	252	339157	22.594	ng/ul	100
85) Benzo(a)anthracene	21.502	228	972844	19.618	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.426	149	438833	20.989	ng/ul	99
87) Chrysene	21.567	228	916068	19.472	ng/ul	99
89) Di-n-octyl phthalate	22.578	149	753819	20.666	ng/ul	100
90) Benzo(b)fluoranthene	23.618	252	940683	19.429	ng/ul	98
91) Benzo(k)fluoranthene	23.682	252	958805	19.340	ng/ul	96
93) Benzo(a)pyrene	24.440	252	891867	19.530	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.042	276	1091572	19.400	ng/ul	99
95) Dibenzo(a,h)anthracene	28.095	278	881774	19.511	ng/ul	99
96) Benzo(g,h,i)perylene	29.111	276	840234	19.336	ng/ul	98

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

