

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
 Data File : BG062328.D
 Acq On : 8 Aug 2024 14:04
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020598

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2024

Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 08 23:49:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 07 01:46:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	66648	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	306739	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	255020	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.317	188	551345	20.000	ng/u1	0.00
79) Chrysene-d12	21.552	240	556337	20.000	ng/u1	-0.01
88) Perylene-d12	24.636	264	638279	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	10482	6.781	ng/uL	0.00
4) Pyridine-d5	3.823	84	86059	17.698	ng/u1	0.00
7) Phenol-d5	7.113	99	115821	18.207	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	71263	18.198	ng/u1	0.00
11) 2-Chlorophenol-d4	7.489	132	83803	18.387	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	98581	18.605	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	42867	22.664	ng/u1	0.00
24) 2-Nitrophenol-d4	9.827	143	45885	25.789	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.367	165	105716	20.457	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	134012	17.879	ng/u1	-0.01
46) Dimethylphthalate-d6	13.980	166	331644	16.856	ng/u1	-0.01
49) Acenaphthylene-d8	14.268	160	388300	17.406	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	53831	19.542	ng/u1	0.00
60) Fluorene-d10	15.566	176	309021	17.497	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	43036	26.357	ng/u1	0.00
73) Anthracene-d10	17.411	188	470047	17.676	ng/u1	-0.01
81) Pyrene-d10	19.690	212	576375	17.430	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.425	264	599798	17.579	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.459	88	11408	6.538	ng/uL	96
5) Pyridine	3.847	79	90066	17.819	ng/u1	98
6) Benzaldehyde	7.095	77	66740m	19.852	ng/u1	
8) Phenol	7.137	94	123446	18.391	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.377	93	89524	17.997	ng/u1	95
12) 2-Chlorophenol	7.518	128	87542	18.079	ng/u1	93
13) 2-Methylphenol	8.388	108	92116	18.200	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.476	45	187398	18.438	ng/u1	99
16) Acetophenone	8.770	105	152110	18.026	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.758	70	83080	18.526	ng/u1	96
18) 4-Methylphenol	8.717	108	102713	18.122	ng/u1	95
19) Hexachloroethane	9.040	117	34234	19.024	ng/u1	99
22) Nitrobenzene	9.151	77	113382	21.080	ng/u1	97
23) Isophorone	9.674	82	231073	17.858	ng/u1	99
25) 2-Nitrophenol	9.862	139	53899	24.974	ng/u1	95
26) 2,4-Dimethylphenol	9.921	107	107242	17.360	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.156	93	135877	18.621	ng/u1	98
29) 2,4-Dichlorophenol	10.391	162	106530	20.339	ng/u1	98
30) Naphthalene	10.802	128	315051	18.070	ng/u1	99
32) 4-Chloroaniline	10.902	127	131720	17.980	ng/u1	100
33) Hexachlorobutadiene	11.090	225	73886	18.639	ng/u1	97
34) Caprolactam	11.648	113	34866m	19.031	ng/u1	
35) 4-Chloro-3-methylphenol	12.018	107	122673	20.872	ng/u1	98
36) 2-Methylnaphthalene	12.406	142	243457	20.268	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	248523	19.969	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.770	216	158258	19.008	ng/ul	97
40) Hexachlorocyclopentadiene	12.758	237	68894	21.292	ng/ul	99
41) 2,4,6-Trichlorophenol	13.005	196	95707	19.819	ng/ul	99
42) 2,4,5-Trichlorophenol	13.076	196	105535	20.284	ng/ul	96
43) 1,1'-Biphenyl	13.410	154	348993	18.062	ng/ul	100
44) 2-Chloronaphthalene	13.452	162	271236	18.066	ng/ul	99
45) 2-Nitroaniline	13.645	65	84981	22.224	ng/ul	90
47) Dimethylphthalate	14.033	163	340309	17.241	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	63127	23.423	ng/ul	90
50) Acenaphthylene	14.297	152	416340	17.515	ng/ul	99
51) 3-Nitroaniline	14.468	138	61851	20.160	ng/ul#	99
52) Acenaphthene	14.638	153	308650	17.440	ng/ul	99
53) 2,4-Dinitrophenol	14.668	184	22108	20.631	ng/ul	91
55) 4-Nitrophenol	14.767	109	47115	19.122	ng/ul	96
56) Dibenzofuran	14.973	168	435934	17.831	ng/ul	99
57) 2,4-Dinitrotoluene	14.926	165	92368	24.985	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.196	232	95070	20.292	ng/ul#	94
59) Diethylphthalate	15.396	149	331939	16.654	ng/ul	97
61) Fluorene	15.619	166	331697	17.351	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.619	204	173215	17.575	ng/ul	97
63) 4-Nitroaniline	15.625	138	58819	19.893	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.690	198	47462	25.227	ng/ul	94
67) N-Nitrosodiphenylamine	15.825	169	299275	18.114	ng/ul	99
68) 4-Bromophenyl-phenylether	16.512	248	117673	18.732	ng/ul	95
69) Hexachlorobenzene	16.624	284	132884	18.184	ng/ul	94
70) Atrazine	16.776	200	115117	18.187	ng/ul	98
71) Pentachlorophenol	16.964	266	74375	19.329	ng/ul	100
72) Phenanthrene	17.358	178	543665	17.520	ng/ul	99
74) Anthracene	17.446	178	559719	17.574	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	160573	19.446	ng/ul	99
76) Pentachlorobenzene	14.891	250	161160	18.656	ng/ul	97
77) Carbazole	17.710	167	465121	17.807	ng/ul	99
78) Di-n-butylphthalate	18.286	149	569288	18.317	ng/ul	100
80) Fluoranthene	19.361	202	646800	17.299	ng/ul	98
82) Pyrene	19.720	202	685863	17.225	ng/ul	100
83) Butylbenzylphthalate	20.618	149	248894	18.112	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.452	252	242086	19.331	ng/ul	99
85) Benzo(a)anthracene	21.535	228	716520	17.586	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.470	149	369600	17.426	ng/ul	97
87) Chrysene	21.599	228	676099	17.578	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	642536	17.672	ng/ul	100
90) Benzo(b)fluoranthene	23.661	252	682307	17.573	ng/ul	99
91) Benzo(k)fluoranthene	23.732	252	688987	17.443	ng/ul	99
93) Benzo(a)pyrene	24.495	252	642054	17.477	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.120	276	826567	17.362	ng/ul	98
95) Dibenzo(a,h)anthracene	28.185	278	668857	17.201	ng/ul	98
96) Benzo(g,h,i)perylene	29.207	276	632650	17.500	ng/ul	99

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

