

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061666.D
 Acq On : 23 Jun 2024 3:24
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020532

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 04:08:52 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 21 05:03:55 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	73393	20.000	ng/u1	0.00
20) Naphthalene-d8	10.891	136	381399	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	260201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	573387	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	489487	20.000	ng/u1	0.00
88) Perylene-d12	24.934	264	584202	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.471	96	16074	7.912	ng/uL	0.00
4) Pyridine-d5	3.888	84	118434	19.281	ng/u1	0.00
7) Phenol-d5	7.219	99	160213	20.108	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	94225	18.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.607	132	112248	20.530	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	124525	20.217	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	56000	21.624	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	65191	24.855	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	127199	20.481	ng/u1	0.01
31) 4-Chloroaniline-d4	11.021	131	179142	19.052	ng/u1	0.00
46) Dimethylphthalate-d6	14.111	166	380140	18.985	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	448583	20.442	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	67002	19.484	ng/u1	0.00
60) Fluorene-d10	15.692	176	349736	19.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	51889	21.163	ng/u1	0.00
73) Anthracene-d10	17.542	188	514735	19.667	ng/u1	0.00
81) Pyrene-d10	19.822	212	553242	20.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.716	264	559858	20.065	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.506	88	18364	7.273	ng/uL#	81
5) Pyridine	3.911	79	119206	18.053	ng/u1	99
6) Benzaldehyde	7.213	77	92668	23.635	ng/u1	100
8) Phenol	7.249	94	165216	19.705	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.495	93	121245	19.213	ng/u1	98
12) 2-Chlorophenol	7.636	128	114790	20.927	ng/u1	96
13) 2-Methylphenol	8.506	108	118141	20.139	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.612	45	258612m	20.059	ng/u1	
16) Acetophenone	8.900	105	197078	19.431	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.882	70	104882	19.251	ng/u1	97
18) 4-Methylphenol	8.835	108	131005	19.934	ng/u1	94
19) Hexachloroethane	9.164	117	47374	21.539	ng/u1#	87
22) Nitrobenzene	9.281	77	155465	20.839	ng/u1	96
23) Isophorone	9.810	82	304451	17.745	ng/u1	98
25) 2-Nitrophenol	9.992	139	66433	24.222	ng/u1	89
26) 2,4-Dimethylphenol	10.045	107	150136	19.573	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.292	93	180816	18.630	ng/u1	96
29) 2,4-Dichlorophenol	10.527	162	121947	21.431	ng/u1	98
30) Naphthalene	10.938	128	415634	19.476	ng/u1	98
32) 4-Chloroaniline	11.044	127	175470	18.816	ng/u1	96
33) Hexachlorobutadiene	11.220	225	84223	21.428	ng/u1	96
34) Caprolactam	11.802	113	42020	17.859	ng/u1	89
35) 4-Chloro-3-methylphenol	12.149	107	154155	19.373	ng/u1	90
36) 2-Methylnaphthalene	12.542	142	285925	18.988	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.754	142	295817	18.411	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.901	216	157179	21.344	ng/ul	99
40) Hexachlorocyclopentadiene	12.877	237	52274	11.931	ng/ul	96
41) 2,4,6-Trichlorophenol	13.136	196	106309	22.375	ng/ul	89
42) 2,4,5-Trichlorophenol	13.206	196	111161	21.466	ng/ul	88
43) 1,1'-Biphenyl	13.541	154	395988	21.009	ng/ul	99
44) 2-Chloronaphthalene	13.582	162	307483	21.238	ng/ul	100
45) 2-Nitroaniline	13.782	65	115894	23.383	ng/ul	95
47) Dimethylphthalate	14.158	163	362714	18.242	ng/ul#	99
48) 2,6-Dinitrotoluene	14.276	165	75674	22.935	ng/ul#	94
50) Acenaphthylene	14.428	152	482413	19.694	ng/ul	98
51) 3-Nitroaniline	14.599	138	76854	22.745	ng/ul#	96
52) Acenaphthene	14.769	153	332776	19.617	ng/ul	95
53) 2,4-Dinitrophenol	14.804	184	30688	18.302	ng/ul#	84
55) 4-Nitrophenol	14.893	109	61867	17.421	ng/ul	94
56) Dibenzofuran	15.098	168	460464	19.397	ng/ul	94
57) 2,4-Dinitrotoluene	15.051	165	109235	22.303	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.321	232	95084	18.726	ng/ul#	98
59) Diethylphthalate	15.515	149	370940	18.113	ng/ul	99
61) Fluorene	15.750	166	375136	19.095	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.744	204	187346	19.209	ng/ul	96
63) 4-Nitroaniline	15.762	138	72309	20.200	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.815	198	55341	19.927	ng/ul	98
67) N-Nitrosodiphenylamine	15.950	169	307494	20.738	ng/ul	98
68) 4-Bromophenyl-phenylether	16.638	248	126099	21.359	ng/ul	93
69) Hexachlorobenzene	16.743	284	145112	20.254	ng/ul	98
70) Atrazine	16.896	200	116635	19.693	ng/ul	92
71) Pentachlorophenol	17.084	266	88516	20.282	ng/ul	95
72) Phenanthrene	17.489	178	574685	19.051	ng/ul	99
74) Anthracene	17.578	178	590397	19.139	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	158185	24.762	ng/uL	99
76) Pentachlorobenzene	15.010	250	173670	22.638	ng/uL	98
77) Carbazole	17.842	167	515021	19.663	ng/ul	99
78) Di-n-butylphthalate	18.406	149	622999	19.888	ng/ul	97
80) Fluoranthene	19.493	202	650299	20.498	ng/ul	99
82) Pyrene	19.851	202	678461	20.113	ng/ul	98
83) Butylbenzylphthalate	20.744	149	273823	22.295	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.602	252	246860	23.851	ng/ul	90
85) Benzo(a)anthracene	21.690	228	681070	19.822	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.608	149	392863	21.761	ng/ul	95
87) Chrysene	21.755	228	622426	19.145	ng/ul	98
89) Di-n-octyl phthalate	22.836	149	691276	22.435	ng/ul	100
90) Benzo(b)fluoranthene	23.911	252	701036	19.962	ng/ul	100
91) Benzo(k)fluoranthene	23.976	252	701244	19.416	ng/ul	98
93) Benzo(a)pyrene	24.787	252	676545	20.011	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.612	276	850316m	20.183	ng/ul	
95) Dibenzo(a,h)anthracene	28.688	278	664914	18.980	ng/ul	96
96) Benzo(g,h,i)perylene	29.763	276	630132m	18.554	ng/ul	

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

