

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063543.D
 Acq On : 23 Nov 2024 7:02
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020550

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 24 23:59:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 20 14:52:38 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	111764	20.000	ng/u1	0.00
20) Naphthalene-d8	10.618	136	462275	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.472	164	369926	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	935693	20.000	ng/u1	0.00
79) Chrysene-d12	21.488	240	1046713	20.000	ng/u1	0.00
88) Perylene-d12	24.531	264	1117503	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.291	96	19892	7.025	ng/uL	-0.01
4) Pyridine-d5	3.697	84	157017	17.691	ng/u1	-0.01
7) Phenol-d5	7.005	99	194305	21.139	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	124515	21.120	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	140024	21.495	ng/u1	0.00
15) 4-Methylphenol-d8	8.538	113	166507	21.677	ng/u1	0.00
21) Nitrobenzene-d5	8.985	128	72255	21.765	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	91294	22.261	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.248	165	172222	22.002	ng/u1	0.00
31) 4-Chloroaniline-d4	10.759	131	219138	22.134	ng/u1	0.00
46) Dimethylphthalate-d6	13.879	166	557398	22.196	ng/u1	0.00
49) Acenaphthylene-d8	14.161	160	617160	21.551	ng/u1	0.00
54) 4-Nitrophenol-d4	14.690	143	78357	21.000	ng/u1	0.00
60) Fluorene-d10	15.465	176	511667	22.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	116998	22.241	ng/u1	0.00
73) Anthracene-d10	17.322	188	903686	22.230	ng/u1	0.00
81) Pyrene-d10	19.625	212	1181732	22.523	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.320	264	1212253	22.365	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	21981	6.574	ng/uL	90
5) Pyridine	3.720	79	164536	18.218	ng/u1	94
6) Benzaldehyde	6.969	77	134936	25.647	ng/u1	97
8) Phenol	7.034	94	208100	20.762	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.251	93	149808	20.707	ng/u1#	91
12) 2-Chlorophenol	7.398	128	149151	21.451	ng/u1	95
13) 2-Methylphenol	8.279	108	156047	20.925	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.344	45	217020	20.477	ng/u1	97
16) Acetophenone	8.644	105	261759	21.573	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.632	70	146270	21.571	ng/u1	93
18) 4-Methylphenol	8.603	108	177189	21.662	ng/u1	96
19) Hexachloroethane	8.908	117	64415	21.451	ng/u1	97
22) Nitrobenzene	9.026	77	222620	21.859	ng/u1	94
23) Isophorone	9.549	82	402886	21.665	ng/u1	98
25) 2-Nitrophenol	9.737	139	93162	22.897	ng/u1	93
26) 2,4-Dimethylphenol	9.801	107	189326	21.586	ng/u1#	87
27) Bis(2-Chloroethoxy)met...	10.030	93	217472	21.125	ng/u1	98
29) 2,4-Dichlorophenol	10.277	162	164366	21.492	ng/u1	99
30) Naphthalene	10.671	128	512324	21.681	ng/u1	96
32) 4-Chloroaniline	10.777	127	201244	21.271	ng/u1	97
33) Hexachlorobutadiene	10.959	225	150630	22.081	ng/u1	91
34) Caprolactam	11.529	113	55513m	21.537	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	180059	23.133	ng/u1#	95
36) 2-Methylnaphthalene	12.281	142	370682	22.100	ng/u1	96

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	389021	22.088	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.657	216	282147	21.704	ng/ul	96
40) Hexachlorocyclopentadiene	12.633	237	103018	18.579	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.903	196	149366	20.940	ng/ul	99
42) 2,4,5-Trichlorophenol	12.980	196	159629	21.685	ng/ul	90
43) 1,1'-Biphenyl	13.297	154	528512	21.527	ng/ul	97
44) 2-Chloronaphthalene	13.338	162	415647	21.546	ng/ul	94
45) 2-Nitroaniline	13.550	65	145102	23.864	ng/ul	95
47) Dimethylphthalate	13.926	163	546117	22.320	ng/ul	98
48) 2,6-Dinitrotoluene	14.049	165	113209	22.807	ng/ul	97
50) Acenaphthylene	14.190	152	627824	21.808	ng/ul#	94
51) 3-Nitroaniline	14.378	138	109492	24.084	ng/ul	99
52) Acenaphthene	14.537	153	457128	21.984	ng/ul	99
53) 2,4-Dinitrophenol	14.596	184	49937	19.594	ng/ul	97
55) 4-Nitrophenol	14.701	109	100456	23.166	ng/ul	90
56) Dibenzofuran	14.872	168	666840	22.353	ng/ul	99
57) 2,4-Dinitrotoluene	14.842	165	178873	23.549	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.107	232	154872	22.140	ng/ul#	91
59) Diethylphthalate	15.295	149	555245	22.467	ng/ul	99
61) Fluorene	15.524	166	564834	22.243	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.518	204	337907	22.299	ng/ul	96
63) 4-Nitroaniline	15.547	138	113817	24.454	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.612	198	121306	21.581	ng/ul#	98
67) N-Nitrosodiphenylamine	15.730	169	478719	21.549	ng/ul	96
68) 4-Bromophenyl-phenylether	16.411	248	230000	21.938	ng/ul	98
69) Hexachlorobenzene	16.535	284	233667	21.258	ng/ul	97
70) Atrazine	16.687	200	232142	21.629	ng/ul	96
71) Pentachlorophenol	16.881	266	108542	21.116	ng/ul	96
72) Phenanthrene	17.269	178	984869	22.080	ng/ul	97
74) Anthracene	17.357	178	986702	21.663	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.268	216	279309	20.515	ng/ul	90
76) Pentachlorobenzene	14.795	250	285668	21.248	ng/ul	94
77) Carbazole	17.633	167	879797	23.281	ng/ul	100
78) Di-n-butylphthalate	18.191	149	1006879	23.241	ng/ul	99
80) Fluoranthene	19.290	202	1346800	23.215	ng/ul	99
82) Pyrene	19.654	202	1478064	23.776	ng/ul	99
83) Butylbenzylphthalate	20.553	149	472383	23.415	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.388	252	526248	23.405	ng/ul#	99
85) Benzo(a)anthracene	21.470	228	1531230	22.624	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.382	149	683950	23.325	ng/ul	99
87) Chrysene	21.529	228	1459535	23.063	ng/ul	95
89) Di-n-octyl phthalate	22.527	149	1187998	23.960	ng/ul	100
90) Benzo(b)fluoranthene	23.567	252	1534235	22.867	ng/ul	99
91) Benzo(k)fluoranthene	23.626	252	1527536	22.689	ng/ul	97
93) Benzo(a)pyrene	24.384	252	1411095	22.471	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.956	276	1740202	22.343	ng/ul	97
95) Dibenzo(a,h)anthracene	28.009	278	1468143	23.057	ng/ul	97
96) Benzo(g,h,i)perylene	29.032	276	1320491	22.360	ng/ul	99

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

