

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063374.D
 Acq On : 14 Nov 2024 4:10
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020534

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 14 04:24:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 06 15:45:52 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	93163	20.000	ng/u1	0.00
20) Naphthalene-d8	10.623	136	395592	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.472	164	331639	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	858470	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	907510	20.000	ng/u1	# 0.00
88) Perylene-d12	24.507	264	959494	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	17531	8.509	ng/uL	0.00
4) Pyridine-d5	3.702	84	127401	18.708	ng/u1	0.00
7) Phenol-d5	7.004	99	160025	19.036	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	99515	20.182	ng/u1	0.00
11) 2-Chlorophenol-d4	7.368	132	113486	20.798	ng/u1	0.00
15) 4-Methylphenol-d8	8.543	113	134581	18.888	ng/u1	0.00
21) Nitrobenzene-d5	8.984	128	59797	21.501	ng/u1	0.00
24) 2-Nitrophenol-d4	9.707	143	76552	21.297	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	152105	21.563	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	191064	20.795	ng/u1	0.00
46) Dimethylphthalate-d6	13.878	166	506494	19.497	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	555285	21.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.683	143	68447	19.244	ng/u1	0.00
60) Fluorene-d10	15.465	176	454386	20.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	109317	20.262	ng/u1	0.00
73) Anthracene-d10	17.321	188	799038	21.657	ng/u1	0.00
81) Pyrene-d10	19.619	212	1027203	22.576	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.301	264	977896	21.109	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	20103	7.926	ng/uL#	84
5) Pyridine	3.726	79	138351	19.912	ng/u1	99
6) Benzaldehyde	6.975	77	110446	23.771	ng/u1	90
8) Phenol	7.033	94	166687	18.195	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.257	93	121339	19.475	ng/u1	88
12) 2-Chlorophenol	7.398	128	117852	20.192	ng/u1	97
13) 2-Methylphenol	8.279	108	128433	19.193	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.350	45	168623	21.413	ng/u1	98
16) Acetophenone	8.649	105	216922	18.908	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.632	70	122125	18.249	ng/u1	93
18) 4-Methylphenol	8.602	108	142642	18.746	ng/u1	93
19) Hexachloroethane	8.908	117	51503	21.775	ng/u1	95
22) Nitrobenzene	9.025	77	179603	20.944	ng/u1	93
23) Isophorone	9.548	82	334788	18.498	ng/u1	99
25) 2-Nitrophenol	9.736	139	77522	21.817	ng/u1	92
26) 2,4-Dimethylphenol	9.801	107	168338	21.720	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.030	93	183450	21.026	ng/u1#	98
29) 2,4-Dichlorophenol	10.271	162	148318	22.303	ng/u1#	87
30) Naphthalene	10.670	128	421694	20.833	ng/u1	98
32) 4-Chloroaniline	10.782	127	178559	20.306	ng/u1	96
33) Hexachlorobutadiene	10.958	225	125555	19.727	ng/u1	96
34) Caprolactam	11.528	113	47847m	17.311	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	156056	19.557	ng/u1	94
36) 2-Methylnaphthalene	12.286	142	321497	20.040	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063374.D
 Acq On : 14 Nov 2024 4:10
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020534

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 14 04:24:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 06 15:45:52 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.504	142	326534	19.573	ng/ul	92	11/15/2024
39) 1,2,4,5-Tetrachloroben...	12.656	216	248304	21.239	ng/ul	96	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.633	237	127641	19.995	ng/ul#	96	
41) 2,4,6-Trichlorophenol	12.903	196	135049	21.401	ng/ul	96	
42) 2,4,5-Trichlorophenol	12.974	196	152526	22.289	ng/ul	93	
43) 1,1'-Biphenyl	13.297	154	464760	22.109	ng/ul#	96	
44) 2-Chloronaphthalene	13.338	162	363809	22.230	ng/ul	99	11/18/2024
45) 2-Nitroaniline	13.549	65	118654	21.254	ng/ul#	91	
47) Dimethylphthalate	13.925	163	476574	19.133	ng/ul	99	
48) 2,6-Dinitrotoluene	14.043	165	99701	20.917	ng/ul	92	
50) Acenaphthylene	14.190	152	557849	22.025	ng/ul	98	
51) 3-Nitroaniline	14.372	138	95829	23.033	ng/ul	99	
52) Acenaphthene	14.536	153	398995	22.010	ng/ul	98	
53) 2,4-Dinitrophenol	14.589	184	63829	20.312	ng/ul	94	
55) 4-Nitrophenol	14.695	109	83236	18.006	ng/ul	95	
56) Dibenzofuran	14.871	168	602954	21.728	ng/ul	97	
57) 2,4-Dinitrotoluene	14.836	165	147938	19.624	ng/ul	97	
58) 2,3,4,6-Tetrachlorophenol	15.100	232	146428	20.661	ng/ul#	95	
59) Diethylphthalate	15.294	149	481817	18.867	ng/ul	98	
61) Fluorene	15.523	166	494710	21.064	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.518	204	301417	19.969	ng/ul	99	
63) 4-Nitroaniline	15.535	138	100668	23.907	ng/ul	86	
66) 4,6-Dinitro-2-methylph...	15.606	198	115802	20.682	ng/ul#	99	
67) N-Nitrosodiphenylamine	15.729	169	424102	22.145	ng/ul	97	
68) 4-Bromophenyl-phenylether	16.411	248	208579	21.253	ng/ul	99	
69) Hexachlorobenzene	16.528	284	217759	20.828	ng/ul	96	
70) Atrazine	16.681	200	212708	20.303	ng/ul	95	
71) Pentachlorophenol	16.881	266	97910	18.680	ng/ul	93	
72) Phenanthrene	17.263	178	868597	22.145	ng/ul	99	
74) Anthracene	17.357	178	893771	22.244	ng/ul	97	
75) 1,2,3,4-Tetrachloroben...	13.267	216	253397	22.826	ng/ul	99	
76) Pentachlorobenzene	14.795	250	263844	22.287	ng/ul	98	
77) Carbazole	17.627	167	741399	22.224	ng/ul	99	
78) Di-n-butylphthalate	18.191	149	850145	22.404	ng/ul	98	
80) Fluoranthene	19.284	202	1133170	23.041	ng/ul#	98	
82) Pyrene	19.648	202	1198617	22.993	ng/ul	97	
83) Butylbenzylphthalate	20.541	149	364638	23.934	ng/ul	94	
84) 3,3'-Dichlorobenzidine	21.375	252	443215	22.713	ng/ul#	100	
85) Benzo(a)anthracene	21.458	228	1259857	21.947	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.375	149	535766	24.143	ng/ul	99	
87) Chrysene	21.516	228	1151705	21.519	ng/ul	99	
89) Di-n-octyl phthalate	22.515	149	893031	23.618	ng/ul	100	
90) Benzo(b)fluoranthene	23.549	252	1218663	21.110	ng/ul	99	
91) Benzo(k)fluoranthene	23.614	252	1234276	21.465	ng/ul	98	
93) Benzo(a)pyrene	24.366	252	1128717	21.137	ng/ul#	94	
94) Indeno(1,2,3-cd)pyrene	27.927	276	1367525	20.878	ng/ul	98	
95) Dibenzo(a,h)anthracene	27.979	278	1131785	21.194	ng/ul#	97	
96) Benzo(g,h,i)perylene	28.990	276	1064450	21.434	ng/ul	96	

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

