

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063806.D
 Acq On : 24 Dec 2024 6:06
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020580

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 07:08:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Dec 24 00:44:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	91435	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	388638	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	315772	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.189	188	789405	20.000	ng/u1	0.00
79) Chrysene-d12	21.443	240	830613	20.000	ng/u1	0.00
88) Perylene-d12	24.451	264	861838	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	19954m	8.552	ng/uL	0.00
4) Pyridine-d5	3.669	84	159352	21.650	ng/u1	0.00
7) Phenol-d5	6.983	99	176344	20.941	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	118585	20.389	ng/u1	0.00
11) 2-Chlorophenol-d4	7.336	132	112979	20.723	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	137952	21.100	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	61011	21.987	ng/u1	0.00
24) 2-Nitrophenol-d4	9.674	143	68331	21.968	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	138725	23.035	ng/u1	0.00
31) 4-Chloroaniline-d4	10.726	131	189901	24.835	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	464553	21.620	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	528417	21.574	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	66674	21.901	ng/u1	0.00
60) Fluorene-d10	15.432	176	418808	22.045	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	86689	21.151	ng/u1	0.00
73) Anthracene-d10	17.289	188	788075	23.220	ng/u1	0.00
81) Pyrene-d10	19.592	212	967110	22.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.245	264	902194	22.292	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.293	88	24605	8.911	ng/uL	93
5) Pyridine	3.687	79	162899	20.662	ng/u1	91
6) Benzaldehyde	6.942	77	109842	21.265	ng/u1	97
8) Phenol	7.012	94	194272	21.646	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.224	93	144506	21.045	ng/u1	94
12) 2-Chlorophenol	7.371	128	121997	22.107	ng/u1	99
13) 2-Methylphenol	8.252	108	135966	20.961	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	211427	20.740	ng/u1#	96
16) Acetophenone	8.616	105	229750	20.718	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	132992	20.099	ng/u1	94
18) 4-Methylphenol	8.581	108	152466	21.476	ng/u1	91
19) Hexachloroethane	8.869	117	51846	19.120	ng/u1	97
22) Nitrobenzene	8.992	77	191655	20.683	ng/u1	96
23) Isophorone	9.515	82	376287	21.492	ng/u1#	98
25) 2-Nitrophenol	9.703	139	70121	21.935	ng/u1	91
26) 2,4-Dimethylphenol	9.774	107	155311	21.411	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.997	93	205298	21.679	ng/u1	94
29) 2,4-Dichlorophenol	10.250	162	134876	22.540	ng/u1	94
30) Naphthalene	10.638	128	422636	21.751	ng/u1	98
32) 4-Chloroaniline	10.749	127	180378	24.793	ng/u1	98
33) Hexachlorobutadiene	10.920	225	93144	19.160	ng/u1	97
34) Caprolactam	11.501	113	50638m	24.480	ng/u1	
35) 4-Chloro-3-methylphenol	11.895	107	159045	22.639	ng/u1	86
36) 2-Methylnaphthalene	12.247	142	306294	21.933	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	320070	22.501	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.624	216	193300	19.122	ng/ul	99
40) Hexachlorocyclopentadiene	12.606	237	77893	19.492	ng/ul	96
41) 2,4,6-Trichlorophenol	12.870	196	116194	20.337	ng/ul	92
42) 2,4,5-Trichlorophenol	12.958	196	121255	20.336	ng/ul	98
43) 1,1'-Biphenyl	13.270	154	434618	20.870	ng/ul	95
44) 2-Chloronaphthalene	13.311	162	355302	21.247	ng/ul	96
45) 2-Nitroaniline	13.522	65	127211	22.711	ng/ul	92
47) Dimethylphthalate	13.893	163	469525	21.803	ng/ul	97
48) 2,6-Dinitrotoluene	14.016	165	91105	22.780	ng/ul#	95
50) Acenaphthylene	14.157	152	575657	21.919	ng/ul	99
51) 3-Nitroaniline	14.351	138	61654	16.674	ng/ul	95
52) Acenaphthene	14.504	153	419571	22.539	ng/ul	96
53) 2,4-Dinitrophenol	14.574	184	47894m	23.433	ng/ul	
55) 4-Nitrophenol	14.686	109	69530	21.995	ng/ul	91
56) Dibenzofuran	14.839	168	576832	21.979	ng/ul	98
57) 2,4-Dinitrotoluene	14.815	165	142549	23.987	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	106052	20.634	ng/ul	95
59) Diethylphthalate	15.262	149	463007	22.241	ng/ul	97
61) Fluorene	15.491	166	478763	22.846	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.485	204	253133	21.682	ng/ul	96
63) 4-Nitroaniline	15.514	138	50509	13.644	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.585	198	90704	21.481	ng/ul#	98
67) N-Nitrosodiphenylamine	15.702	169	416083	21.766	ng/ul	99
68) 4-Bromophenyl-phenylether	16.378	248	168848	20.988	ng/ul	97
69) Hexachlorobenzene	16.501	284	194272	21.553	ng/ul	98
70) Atrazine	16.654	200	179847	22.257	ng/ul	95
71) Pentachlorophenol	16.854	266	66212m	17.422	ng/ul	
72) Phenanthrene	17.230	178	895581	23.542	ng/ul	99
74) Anthracene	17.324	178	911822	23.682	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.235	216	203246	19.297	ng/ul	98
76) Pentachlorobenzene	14.762	250	207616	19.898	ng/ul	100
77) Carbazole	17.594	167	802527	25.749	ng/ul	98
78) Di-n-butylphthalate	18.158	149	916599	24.352	ng/ul	98
80) Fluoranthene	19.257	202	1120084	22.800	ng/ul	99
82) Pyrene	19.615	202	1187220	22.714	ng/ul#	94
83) Butylbenzylphthalate	20.514	149	381117	23.753	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.343	252	284050	18.944	ng/ul	95
85) Benzo(a)anthracene	21.419	228	1142366	21.945	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.337	149	560240	24.004	ng/ul	98
87) Chrysene	21.484	228	1078051	21.729	ng/ul	98
89) Di-n-octyl phthalate	22.465	149	947680	25.476	ng/ul	100
90) Benzo(b)fluoranthene	23.499	252	1048177	21.399	ng/ul	98
91) Benzo(k)fluoranthene	23.564	252	1152346	23.584	ng/ul	99
93) Benzo(a)pyrene	24.310	252	1033364	22.476	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.859	276	1245421	22.181	ng/ul	97
95) Dibenzo(a,h)anthracene	27.894	278	1014310	22.576	ng/ul#	96
96) Benzo(g,h,i)perylene	28.904	276	980795	22.013	ng/ul	98

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

