

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080824\
 Data File : BG062359.D
 Acq On : 9 Aug 2024 16:20
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020601

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/12/2024

Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 01:41:49 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri Aug 09 01:00:03 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	76476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	340519	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	272482	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	622949	20.000	ng/u1	0.00
79) Chrysene-d12	21.554	240	620624	20.000	ng/u1	0.00
88) Perylene-d12	24.644	264	708858	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	15440	8.705	ng/uL	0.00
4) Pyridine-d5	3.825	84	93961	16.840	ng/u1	0.00
7) Phenol-d5	7.115	99	118866	16.284	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	74551	16.592	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	86469	16.534	ng/u1	0.00
15) 4-Methylphenol-d8	8.654	113	97223	15.991	ng/u1	0.00
21) Nitrobenzene-d5	9.112	128	42523	20.252	ng/u1	0.00
24) 2-Nitrophenol-d4	9.829	143	45660	23.117	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	101247	17.649	ng/u1	0.00
31) 4-Chloroaniline-d4	10.880	131	139397	16.753	ng/u1	0.00
46) Dimethylphthalate-d6	13.982	166	343703	16.349	ng/u1	0.00
49) Acenaphthylene-d8	14.270	160	383832	16.103	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	59238	20.127	ng/u1	0.00
60) Fluorene-d10	15.568	176	309460	16.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	50189	27.204	ng/u1	0.00
73) Anthracene-d10	17.412	188	487950	16.240	ng/u1	0.00
81) Pyrene-d10	19.692	212	604709	16.393	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.426	264	621590	16.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.461	88	15116	7.549	ng/uL	96
5) Pyridine	3.848	79	96447	16.630	ng/u1	97
6) Benzaldehyde	7.097	77	74571m	19.331	ng/u1	
8) Phenol	7.138	94	127037	16.494	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.379	93	90850	15.916	ng/u1	97
12) 2-Chlorophenol	7.520	128	91464	16.461	ng/u1	95
13) 2-Methylphenol	8.389	108	92995	16.012	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.477	45	191832	16.449	ng/u1	99
16) Acetophenone	8.771	105	156635	16.177	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.759	70	85812	16.676	ng/u1	98
18) 4-Methylphenol	8.718	108	102997	15.837	ng/u1	95
19) Hexachloroethane	9.041	117	35281	17.086	ng/u1	97
22) Nitrobenzene	9.153	77	113623	19.029	ng/u1	98
23) Isophorone	9.676	82	236797	16.485	ng/u1	99
25) 2-Nitrophenol	9.864	139	50553	21.100	ng/u1	97
26) 2,4-Dimethylphenol	9.917	107	99386	14.492	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.158	93	131989	16.294	ng/u1	99
29) 2,4-Dichlorophenol	10.393	162	102941	17.705	ng/u1	99
30) Naphthalene	10.804	128	319768	16.521	ng/u1	98
32) 4-Chloroaniline	10.904	127	135902	16.711	ng/u1	99
33) Hexachlorobutadiene	11.092	225	72172	16.400	ng/u1	95
34) Caprolactam	11.656	113	36422m	17.908	ng/u1	
35) 4-Chloro-3-methylphenol	12.020	107	114769	17.590	ng/u1	96
36) 2-Methylnaphthalene	12.407	142	232403	17.428	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.625	142	226303	16.380	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.772	216	141488	15.905	ng/ul	97
40) Hexachlorocyclopentadiene	12.760	237	73316	21.206	ng/ul	99
41) 2,4,6-Trichlorophenol	13.007	196	86555	16.775	ng/ul	95
42) 2,4,5-Trichlorophenol	13.077	196	96092	17.285	ng/ul	98
43) 1,1'-Biphenyl	13.412	154	344672	16.695	ng/ul	100
44) 2-Chloronaphthalene	13.453	162	263685	16.438	ng/ul	99
45) 2-Nitroaniline	13.647	65	83347	20.400	ng/ul	96
47) Dimethylphthalate	14.029	163	345287	16.372	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	61367	21.311	ng/ul#	92
50) Acenaphthylene	14.299	152	407457	16.043	ng/ul	99
51) 3-Nitroaniline	14.469	138	63541	19.383	ng/ul#	90
52) Acenaphthene	14.640	153	303977	16.076	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	34670	30.280	ng/ul#	82
55) 4-Nitrophenol	14.769	109	51061	19.395	ng/ul	99
56) Dibenzofuran	14.975	168	433207	16.584	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	91452	23.152	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	97882	19.553	ng/ul	99
59) Diethylphthalate	15.398	149	342582	16.087	ng/ul	98
61) Fluorene	15.621	166	338686	16.581	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.621	204	173540	16.479	ng/ul	96
63) 4-Nitroaniline	15.633	138	62080	19.650	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.691	198	56622	26.637	ng/ul	95
67) N-Nitrosodiphenylamine	15.826	169	304901	16.333	ng/ul	96
68) 4-Bromophenyl-phenylether	16.508	248	119859	16.887	ng/ul	97
69) Hexachlorobenzene	16.625	284	133631	16.185	ng/ul	96
70) Atrazine	16.778	200	125744	17.583	ng/ul	97
71) Pentachlorophenol	16.960	266	88488	20.353	ng/ul	98
72) Phenanthrene	17.360	178	565776	16.136	ng/ul	98
74) Anthracene	17.448	178	592128	16.455	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.377	216	153110	16.411	ng/ul	98
76) Pentachlorobenzene	14.892	250	158628	16.252	ng/ul	94
77) Carbazole	17.712	167	495457	16.788	ng/ul	100
78) Di-n-butylphthalate	18.282	149	617451	17.583	ng/ul	100
80) Fluoranthene	19.363	202	685140	16.426	ng/ul	98
82) Pyrene	19.721	202	723062	16.279	ng/ul	98
83) Butylbenzylphthalate	20.620	149	276885	18.061	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.454	252	232246	16.625	ng/ul	97
85) Benzo(a)anthracene	21.536	228	744161	16.373	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.466	149	412350	17.428	ng/ul	98
87) Chrysene	21.601	228	701031	16.338	ng/ul	99
89) Di-n-octyl phthalate	22.641	149	705231	17.465	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	716683	16.621	ng/ul	99
91) Benzo(k)fluoranthene	23.727	252	705047	16.072	ng/ul	100
93) Benzo(a)pyrene	24.497	252	659624	16.167	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.127	276	877500	16.597	ng/ul	100
95) Dibenzo(a,h)anthracene	28.186	278	710417	16.451	ng/ul	97
96) Benzo(g,h,i)perylene	29.214	276	668247	16.644	ng/ul	98

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