

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062156.D
 Acq On : 22 Jul 2024 10:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020581

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 12:13:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 19 14:38:52 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	33325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	137420	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.696	164	126775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	340927	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	349766	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	360083	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	7084	9.925	ng/uL	0.00
4) Pyridine-d5	3.870	84	51062	19.689	ng/u1	0.00
7) Phenol-d5	7.236	99	63201	19.264	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	36910	19.581	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	41895	20.263	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	49213	19.696	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	21916	20.017	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	25436	19.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	56385	20.440	ng/u1	0.00
31) 4-Chloroaniline-d4	11.013	131	68460	20.630	ng/u1	0.00
46) Dimethylphthalate-d6	14.091	166	213762	19.893	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	225474	20.694	ng/u1	0.00
54) 4-Nitrophenol-d4	14.919	143	26289	20.302	ng/u1	0.00
60) Fluorene-d10	15.683	176	181883	19.880	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.807	200	39990	18.458	ng/u1	0.00
73) Anthracene-d10	17.539	188	333428	20.936	ng/u1	0.00
81) Pyrene-d10	19.819	212	408110	20.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	360704	20.039	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.494	88	8367	8.942	ng/uL#	66
5) Pyridine	3.893	79	53265	20.071	ng/u1	88
6) Benzaldehyde	7.201	77	40795	23.684	ng/u1	93
8) Phenol	7.265	94	61758	19.079	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.482	93	43267	19.406	ng/u1	92
12) 2-Chlorophenol	7.635	128	39847	18.982	ng/u1	97
13) 2-Methylphenol	8.516	108	47904	19.751	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	75427	19.117	ng/u1	97
16) Acetophenone	8.892	105	84968	19.478	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.863	70	47164	18.896	ng/u1	89
18) 4-Methylphenol	8.845	108	51868	19.394	ng/u1	94
19) Hexachloroethane	9.145	117	18516	19.703	ng/u1	89
22) Nitrobenzene	9.280	77	67749	19.135	ng/u1	95
23) Isophorone	9.791	82	135196	18.824	ng/u1#	94
25) 2-Nitrophenol	9.991	139	26423	18.960	ng/u1#	80
26) 2,4-Dimethylphenol	10.050	107	66214	19.799	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.273	93	65047	19.462	ng/u1	97
29) 2,4-Dichlorophenol	10.531	162	52302	19.958	ng/u1#	81
30) Naphthalene	10.931	128	159372	21.498	ng/u1	98
32) 4-Chloroaniline	11.042	127	66545	21.334	ng/u1#	86
33) Hexachlorobutadiene	11.201	225	54516	21.893	ng/u1	96
34) Caprolactam	11.800	113	18186	20.323	ng/u1	91
35) 4-Chloro-3-methylphenol	12.170	107	70198	22.339	ng/u1#	91
36) 2-Methylnaphthalene	12.529	142	119292	21.316	ng/u1	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062156.D
 Acq On : 22 Jul 2024 10:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020581

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 12:13:36 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 19 14:38:52 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	124550	21.584	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.893	216	105831	20.702	ng/ul	97
40) Hexachlorocyclopentadiene	12.863	237	39425	15.725	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.140	196	61545	21.463	ng/ul	88
42) 2,4,5-Trichlorophenol	13.216	196	65803	21.081	ng/ul	98
43) 1,1'-Biphenyl	13.527	154	181168	20.189	ng/ul	100
44) 2-Chloronaphthalene	13.580	162	150999	20.465	ng/ul	97
45) 2-Nitroaniline	13.786	65	57837	21.271	ng/ul	92
47) Dimethylphthalate	14.144	163	202435	19.785	ng/ul	100
48) 2,6-Dinitrotoluene	14.267	165	42766	20.410	ng/ul	89
50) Acenaphthylene	14.420	152	247498	20.836	ng/ul	98
51) 3-Nitroaniline	14.608	138	37806	22.335	ng/ul#	96
52) Acenaphthene	14.761	153	158884	20.151	ng/ul	98
53) 2,4-Dinitrophenol	14.814	184	16106m	14.358	ng/ul	
55) 4-Nitrophenol	14.931	109	36081	18.205	ng/ul#	86
56) Dibenzofuran	15.090	168	243151	20.479	ng/ul	97
57) 2,4-Dinitrotoluene	15.060	165	64962	20.205	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.319	232	57154	20.811	ng/ul#	95
59) Diethylphthalate	15.501	149	200777	19.847	ng/ul	98
61) Fluorene	15.742	166	206401	20.273	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.730	204	127943	20.293	ng/ul	96
63) 4-Nitroaniline	15.771	138	39745	21.943	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.824	198	38179	18.769	ng/ul	94
67) N-Nitrosodiphenylamine	15.942	169	172968	20.740	ng/ul	97
68) 4-Bromophenyl-phenylether	16.623	248	77674	19.565	ng/ul	97
69) Hexachlorobenzene	16.735	284	82226	19.517	ng/ul	94
70) Atrazine	16.887	200	87224	20.755	ng/ul	98
71) Pentachlorophenol	17.093	266	25786m	16.598	ng/ul	
72) Phenanthrene	17.481	178	337606	20.578	ng/ul	95
74) Anthracene	17.575	178	351294	20.799	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.498	216	104672	21.435	ng/ul	94
76) Pentachlorobenzene	15.008	250	101123	20.924	ng/ul	98
77) Carbazole	17.845	167	307586	21.419	ng/ul	96
78) Di-n-butylphthalate	18.385	149	323339	19.640	ng/ul	99
80) Fluoranthene	19.484	202	479018	21.056	ng/ul	99
82) Pyrene	19.848	202	476829	20.158	ng/ul	99
83) Butylbenzylphthalate	20.718	149	143307	20.417	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.593	252	165098	21.749	ng/ul	96
85) Benzo(a)anthracene	21.681	228	490907	19.996	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.569	149	199665	19.843	ng/ul	93
87) Chrysene	21.751	228	449291	19.906	ng/ul	100
89) Di-n-octyl phthalate	22.779	149	340681	20.566	ng/ul	100
90) Benzo(b)fluoranthene	23.901	252	450210	20.237	ng/ul	99
91) Benzo(k)fluoranthene	23.972	252	437961m	19.722	ng/ul	
93) Benzo(a)pyrene	24.783	252	412301	19.790	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.624	276	477019	19.928	ng/ul	99
95) Dibenzo(a,h)anthracene	28.683	278	398536	20.079	ng/ul	99
96) Benzo(g,h,i)perylene	29.782	276	386536	20.170	ng/ul	97

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

