

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061935.D
 Acq On : 8 Jul 2024 10:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020559

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 10:44:06 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 02:38:46 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	32856	20.000	ng/uL	0.00
20) Naphthalene-d8	10.908	136	173558	20.000	ng/uL	0.00
38) Acenaphthene-d10	14.715	164	128824	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.459	188	307304	20.000	ng/uL	0.00
79) Chrysene-d12	21.719	240	268594	20.000	ng/uL	0.00
88) Perylene-d12	24.956	264	316313	20.000	ng/uL	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	6461	7.390	ng/uL	0.00
4) Pyridine-d5	3.899	84	47221	17.565	ng/uL	0.00
7) Phenol-d5	7.248	99	70953	19.733	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	7.412	67	39861	17.506	ng/uL	0.00
11) 2-Chlorophenol-d4	7.624	132	48869	19.814	ng/uL	0.00
15) 4-Methylphenol-d8	8.799	113	55041	19.442	ng/uL	0.00
21) Nitrobenzene-d5	9.263	128	27002	20.457	ng/uL	0.00
24) 2-Nitrophenol-d4	9.980	143	31337	20.789	ng/uL	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	61063	21.002	ng/uL	0.00
31) 4-Chloroaniline-d4	11.037	131	82771	19.609	ng/uL	0.00
46) Dimethylphthalate-d6	14.116	166	205424	19.396	ng/uL	0.00
49) Acenaphthylene-d8	14.416	160	225334	20.347	ng/uL	0.00
54) 4-Nitrophenol-d4	14.909	143	32975	19.496	ng/uL	0.00
60) Fluorene-d10	15.708	176	176139	19.755	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	31590	19.574	ng/uL	0.00
73) Anthracene-d10	17.559	188	281009	19.586	ng/uL	0.00
81) Pyrene-d10	19.833	212	306829	19.421	ng/uL	0.00
92) Benzo(a)pyrene-d12	24.733	264	318053	20.274	ng/uL	0.00
Target Compounds						
2) 1,4-Dioxane	3.517	88	6665	6.906	ng/uL	95
5) Pyridine	3.922	79	45924	16.657	ng/uL	98
6) Benzaldehyde	7.230	77	41920m	22.028	ng/uL	
8) Phenol	7.271	94	70293	19.095	ng/uL	94
10) Bis(2-Chloroethyl)ether	7.506	93	49593	17.536	ng/uL	98
12) 2-Chlorophenol	7.653	128	49383	19.653	ng/uL	91
13) 2-Methylphenol	8.534	108	54862	20.880	ng/uL	92
14) 2,2'-oxybis(1-Chloropr...	8.622	45	104267m	16.876	ng/uL	
16) Acetophenone	8.916	105	90260	19.301	ng/uL	97
17) N-Nitroso-di-n-propyla...	8.899	70	48992	18.713	ng/uL#	92
18) 4-Methylphenol	8.857	108	58814	19.988	ng/uL	95
19) Hexachloroethane	9.181	117	21687	19.895	ng/uL#	75
22) Nitrobenzene	9.298	77	76488	20.414	ng/uL	98
23) Isophorone	9.821	82	148379	17.529	ng/uL	99
25) 2-Nitrophenol	10.015	139	30413	19.784	ng/uL	95
26) 2,4-Dimethylphenol	10.068	107	72965	19.833	ng/uL	96
27) Bis(2-Chloroethoxy)met...	10.303	93	78750	16.894	ng/uL#	95
29) 2,4-Dichlorophenol	10.550	162	55573	20.348	ng/uL	97
30) Naphthalene	10.955	128	188947	19.819	ng/uL	96
32) 4-Chloroaniline	11.061	127	80707	19.485	ng/uL	99
33) Hexachlorobutadiene	11.231	225	41299	20.095	ng/uL	91
34) Caprolactam	11.813	113	20512m	19.170	ng/uL	
35) 4-Chloro-3-methylphenol	12.177	107	77686	21.357	ng/uL	92
36) 2-Methylnaphthalene	12.553	142	140202	20.299	ng/uL	96

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37) 1-Methylnaphthalene	12.776	142	147590	20.563	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.912	216	80461	20.798	ng/ul	96
40) Hexachlorocyclopentadiene	12.888	237	35148	13.648	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.152	196	52185	20.309	ng/ul	84
42) 2,4,5-Trichlorophenol	13.229	196	57155	20.249	ng/ul	98
43) 1,1'-Biphenyl	13.552	154	196791	19.826	ng/ul	97
44) 2-Chloronaphthalene	13.599	162	149295	20.041	ng/ul	98
45) 2-Nitroaniline	13.805	65	62171	20.841	ng/ul	98
47) Dimethylphthalate	14.163	163	193193	18.965	ng/ul	98
48) 2,6-Dinitrotoluene	14.286	165	42761	22.127	ng/ul	95
50) Acenaphthylene	14.439	152	242096	19.918	ng/ul	99
51) 3-Nitroaniline	14.615	138	39897	21.209	ng/ul#	81
52) Acenaphthene	14.780	153	168829	20.116	ng/ul	95
53) 2,4-Dinitrophenol	14.821	184	18625	18.447	ng/ul	92
55) 4-Nitrophenol	14.921	109	42862	22.204	ng/ul	84
56) Dibenzofuran	15.115	168	236457	19.934	ng/ul	92
57) 2,4-Dinitrotoluene	15.074	165	61958	21.861	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.338	232	52891	20.751	ng/ul#	93
59) Diethylphthalate	15.520	149	210791	19.202	ng/ul	97
61) Fluorene	15.761	166	201275	19.952	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.749	204	103841	20.493	ng/ul	91
63) 4-Nitroaniline	15.779	138	41317	21.646	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.838	198	36386	20.949	ng/ul#	95
67) N-Nitrosodiphenylamine	15.961	169	163034	19.427	ng/ul	93
68) 4-Bromophenyl-phenylether	16.642	248	72330	20.747	ng/ul	97
69) Hexachlorobenzene	16.760	284	82357	20.544	ng/ul	97
70) Atrazine	16.907	200	67669	20.426	ng/ul	97
71) Pentachlorophenol	17.101	266	38900	17.654	ng/ul	89
72) Phenanthrene	17.500	178	320724	19.793	ng/ul	98
74) Anthracene	17.594	178	328870	19.639	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.523	216	80119	20.992	ng/ul#	93
76) Pentachlorobenzene	15.033	250	94359	21.676	ng/ul	99
77) Carbazole	17.859	167	280156	19.880	ng/ul#	96
78) Di-n-butylphthalate	18.411	149	353727	19.550	ng/ul	97
80) Fluoranthene	19.504	202	361880	19.355	ng/ul	97
82) Pyrene	19.862	202	378672	19.607	ng/ul#	95
83) Butylbenzylphthalate	20.738	149	152274	18.787	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.607	252	139448	21.823	ng/ul	96
85) Benzo(a)anthracene	21.695	228	380263	19.554	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.596	149	221254	19.023	ng/ul	98
87) Chrysene	21.766	228	360696	19.813	ng/ul	98
89) Di-n-octyl phthalate	22.818	149	382049	19.770	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	396311	19.886	ng/ul	99
91) Benzo(k)fluoranthene	23.993	252	402028	20.230	ng/ul#	97
93) Benzo(a)pyrene	24.804	252	373604	19.797	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.658	276	485804m	20.145	ng/ul	
95) Dibenzo(a,h)anthracene	28.717	278	408060	20.488	ng/ul	99
96) Benzo(g,h,i)perylene	29.804	276	384955m	20.065	ng/ul	

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

