

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
 Data File : BG062142.D
 Acq On : 19 Jul 2024 16:13
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020579

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 20 02:10:29 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	8.066	152	36895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.880	136	150824	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	129847	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.436	188	364278	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.701	240	392832	20.000	ng/u1	0.00
88) Perylene-d12	24.926	264	400746	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	8322	10.531	ng/uL	0.00
4) Pyridine-d5	3.878	84	60534	21.083	ng/u1	0.00
7) Phenol-d5	7.238	99	66846	18.403	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	40223	19.273	ng/u1	0.00
11) 2-Chlorophenol-d4	7.602	132	41695	18.215	ng/u1	0.00
15) 4-Methylphenol-d8	8.783	113	52782	19.080	ng/u1	0.00
21) Nitrobenzene-d5	9.241	128	21828	18.165	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	29474	20.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	61956	20.463	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	82939	22.772	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	221225	20.100	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	224170	20.087	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	25975	19.585	ng/u1	0.00
60) Fluorene-d10	15.685	176	187678	20.028	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	43154	18.641	ng/u1	0.00
73) Anthracene-d10	17.536	188	345692	20.315	ng/u1	0.00
81) Pyrene-d10	19.821	212	441264	19.811	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	401802	20.057	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.496	88	9688m	9.352	ng/uL	
5) Pyridine	3.896	79	56519	19.237	ng/u1	89
6) Benzaldehyde	7.203	77	44055	23.102	ng/u1	99
8) Phenol	7.267	94	68536	19.125	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.479	93	47917	19.412	ng/u1	89
12) 2-Chlorophenol	7.632	128	44785	19.270	ng/u1	96
13) 2-Methylphenol	8.519	108	54169	20.173	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.589	45	87284	19.981	ng/u1	96
16) Acetophenone	8.895	105	93191	19.296	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.871	70	51405	18.602	ng/u1	87
18) 4-Methylphenol	8.848	108	56136	18.959	ng/u1	93
19) Hexachloroethane	9.147	117	21191	20.368	ng/u1	82
22) Nitrobenzene	9.277	77	76154	19.598	ng/u1#	95
23) Isophorone	9.799	82	157754	20.013	ng/u1	98
25) 2-Nitrophenol	9.987	139	31845	20.820	ng/u1	91
26) 2,4-Dimethylphenol	10.046	107	73704	20.081	ng/u1	88
27) Bis(2-Chloroethoxy)met...	10.275	93	71717	19.550	ng/u1	94
29) 2,4-Dichlorophenol	10.534	162	58769	20.432	ng/u1#	88
30) Naphthalene	10.933	128	178124	21.893	ng/u1	99
32) 4-Chloroaniline	11.039	127	80875	23.623	ng/u1#	86
33) Hexachlorobutadiene	11.197	225	57467	21.027	ng/u1	95
34) Caprolactam	11.808	113	19715	20.074	ng/u1	90
35) 4-Chloro-3-methylphenol	12.173	107	70199	20.354	ng/u1	91
36) 2-Methylnaphthalene	12.531	142	122011	19.864	ng/u1	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.748	142	128642	20.312	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.889	216	104010	19.864	ng/ul#	96
40) Hexachlorocyclopentadiene	12.860	237	45479	17.710	ng/ul	98
41) 2,4,6-Trichlorophenol	13.142	196	57916	19.719	ng/ul	89
42) 2,4,5-Trichlorophenol	13.212	196	61503	19.238	ng/ul	96
43) 1,1'-Biphenyl	13.530	154	188077	20.463	ng/ul	97
44) 2-Chloronaphthalene	13.577	162	147578	19.528	ng/ul	98
45) 2-Nitroaniline	13.782	65	57838	20.768	ng/ul	91
47) Dimethylphthalate	14.141	163	206547	19.709	ng/ul#	95
48) 2,6-Dinitrotoluene	14.276	165	42397	19.755	ng/ul	98
50) Acenaphthylene	14.423	152	245573	20.185	ng/ul	97
51) 3-Nitroaniline	14.605	138	39578	22.829	ng/ul#	92
52) Acenaphthene	14.757	153	159900	19.800	ng/ul	98
53) 2,4-Dinitrophenol	14.816	184	16345	14.227	ng/ul#	68
55) 4-Nitrophenol	14.934	109	38554m	18.992	ng/ul	
56) Dibenzofuran	15.092	168	245095	20.155	ng/ul	94
57) 2,4-Dinitrotoluene	15.057	165	68047	20.663	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.321	232	54883	19.511	ng/ul#	97
59) Diethylphthalate	15.498	149	214076	20.660	ng/ul	97
61) Fluorene	15.744	166	206083	19.763	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.727	204	125791	19.480	ng/ul	95
63) 4-Nitroaniline	15.768	138	42250	22.774	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.826	198	43036	19.800	ng/ul	93
67) N-Nitrosodiphenylamine	15.944	169	172710	19.382	ng/ul	94
68) 4-Bromophenyl-phenylether	16.620	248	83727	19.738	ng/ul	96
69) Hexachlorobenzene	16.737	284	91406	20.306	ng/ul	97
70) Atrazine	16.890	200	93866	20.904	ng/ul	98
71) Pentachlorophenol	17.090	266	21635m	13.033	ng/ul	
72) Phenanthrene	17.483	178	348014	19.853	ng/ul	95
74) Anthracene	17.571	178	369939	20.499	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.494	216	107699	20.641	ng/ul	95
76) Pentachlorobenzene	15.010	250	105950	20.517	ng/ul	92
77) Carbazole	17.841	167	330499	21.539	ng/ul	95
78) Di-n-butylphthalate	18.382	149	357522	20.324	ng/ul	97
80) Fluoranthene	19.486	202	501112	19.612	ng/ul	99
82) Pyrene	19.850	202	519211	19.543	ng/ul	99
83) Butylbenzylphthalate	20.720	149	157844	20.022	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.595	252	185449	21.751	ng/ul#	97
85) Benzo(a)anthracene	21.683	228	538777	19.540	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.566	149	223940	19.816	ng/ul	97
87) Chrysene	21.748	228	494687	19.515	ng/ul	97
89) Di-n-octyl phthalate	22.776	149	369674	20.052	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	489677	19.778	ng/ul	99
91) Benzo(k)fluoranthene	23.968	252	493436	19.965	ng/ul	96
93) Benzo(a)pyrene	24.779	252	462371	19.941	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.621	276	528838	19.851	ng/ul	96
95) Dibenzo(a,h)anthracene	28.668	278	442567	20.035	ng/ul#	97
96) Benzo(g,h,i)perylene	29.772	276	419128	19.652	ng/ul	97

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

