

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061950.D
 Acq On : 8 Jul 2024 20:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020560

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 23:20:28 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	8.095	152	37520	20.000	ng/u1	0.00
20) Naphthalene-d8	10.903	136	194126	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.717	164	138883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.455	188	330782	20.000	ng/u1	0.00
79) Chrysene-d12	21.720	240	287991	20.000	ng/u1	0.00
88) Perylene-d12	24.952	264	358963	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.477	96	6065m	6.075	ng/uL	-0.01
4) Pyridine-d5	3.900	84	50597	16.481	ng/u1	0.00
7) Phenol-d5	7.243	99	72770	17.723	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.413	67	44810	17.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.625	132	54824	19.465	ng/u1	0.00
15) 4-Methylphenol-d8	8.794	113	59876	18.521	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	30198	20.454	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	34735	20.602	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	67694	20.816	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	87553	18.544	ng/u1	0.00
46) Dimethylphthalate-d6	14.117	166	219667	19.239	ng/u1	0.00
49) Acenaphthylene-d8	14.411	160	239785	20.084	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	34394	18.862	ng/u1	0.00
60) Fluorene-d10	15.704	176	192983	20.077	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	35012	20.154	ng/u1	-0.01
73) Anthracene-d10	17.554	188	300906	19.484	ng/u1	0.00
81) Pyrene-d10	19.834	212	326067	19.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.734	264	350423	19.684	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.518	88	7810	7.087	ng/uL#	78
5) Pyridine	3.923	79	50508	16.042	ng/u1	88
6) Benzaldehyde	7.231	77	48690m	22.405	ng/u1	
8) Phenol	7.272	94	72787	17.314	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.507	93	56134	17.382	ng/u1	98
12) 2-Chlorophenol	7.654	128	55621	19.384	ng/u1	91
13) 2-Methylphenol	8.530	108	57051	19.014	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.612	45	119810	16.981	ng/u1#	97
16) Acetophenone	8.917	105	98996	18.538	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.894	70	53329	17.838	ng/u1	93
18) 4-Methylphenol	8.859	108	62125	18.489	ng/u1	88
19) Hexachloroethane	9.176	117	24665	19.815	ng/u1	94
22) Nitrobenzene	9.305	77	84306	20.117	ng/u1	96
23) Isophorone	9.822	82	156010	16.478	ng/u1	97
25) 2-Nitrophenol	10.016	139	34123	19.846	ng/u1	96
26) 2,4-Dimethylphenol	10.069	107	79659	19.358	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.304	93	84181	16.145	ng/u1	96
29) 2,4-Dichlorophenol	10.551	162	62182	20.356	ng/u1	96
30) Naphthalene	10.956	128	211136	19.800	ng/u1	98
32) 4-Chloroaniline	11.062	127	86705	18.716	ng/u1	96
33) Hexachlorobutadiene	11.227	225	49166	21.388	ng/u1	91
34) Caprolactam	11.814	113	20364m	17.015	ng/u1	
35) 4-Chloro-3-methylphenol	12.172	107	80497	19.786	ng/u1	87
36) 2-Methylnaphthalene	12.554	142	150761	19.515	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.772	142	160943	20.047	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.913	216	88245	21.158	ng/ul	91
40) Hexachlorocyclopentadiene	12.889	237	37101	13.363	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.154	196	55314	19.968	ng/ul	94
42) 2,4,5-Trichlorophenol	13.230	196	64957	21.346	ng/ul	98
43) 1,1'-Biphenyl	13.553	154	213118	19.916	ng/ul	96
44) 2-Chloronaphthalene	13.600	162	161177	20.069	ng/ul	90
45) 2-Nitroaniline	13.800	65	68151	21.191	ng/ul	89
47) Dimethylphthalate	14.164	163	209562	19.082	ng/ul	97
48) 2,6-Dinitrotoluene	14.288	165	45759	21.963	ng/ul	97
50) Acenaphthylene	14.440	152	262743	20.051	ng/ul	97
51) 3-Nitroaniline	14.617	138	44173	21.781	ng/ul#	98
52) Acenaphthene	14.781	153	186513	20.613	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	20731	19.046	ng/ul	89
55) 4-Nitrophenol	14.922	109	45521	21.873	ng/ul	90
56) Dibenzofuran	15.116	168	258228	20.193	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	66266	21.688	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.339	232	54740	19.921	ng/ul	92
59) Diethylphthalate	15.521	149	226122	19.107	ng/ul	95
61) Fluorene	15.762	166	217330	19.983	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.751	204	110117	20.158	ng/ul#	83
63) 4-Nitroaniline	15.780	138	42505	20.655	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.833	198	37433	20.022	ng/ul#	90
67) N-Nitrosodiphenylamine	15.962	169	178138	19.720	ng/ul	96
68) 4-Bromophenyl-phenylether	16.644	248	78284	20.861	ng/ul	93
69) Hexachlorobenzene	16.755	284	89856	20.824	ng/ul	95
70) Atrazine	16.902	200	70394	19.740	ng/ul	97
71) Pentachlorophenol	17.102	266	43400m	18.298	ng/ul	
72) Phenanthrene	17.502	178	336317	19.283	ng/ul	97
74) Anthracene	17.590	178	341494	18.946	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.518	216	89663	21.825	ng/ul	91
76) Pentachlorobenzene	15.028	250	101955	21.758	ng/ul	85
77) Carbazole	17.860	167	298870	19.702	ng/ul	98
78) Di-n-butylphthalate	18.406	149	366624	18.825	ng/ul	100
80) Fluoranthene	19.499	202	384296	19.170	ng/ul#	95
82) Pyrene	19.863	202	408805	19.742	ng/ul	96
83) Butylbenzylphthalate	20.739	149	165912	19.091	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.608	252	159827	23.328	ng/ul	91
85) Benzo(a)anthracene	21.697	228	410839	19.703	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.591	149	238459	19.122	ng/ul#	99
87) Chrysene	21.767	228	387693	19.861	ng/ul	99
89) Di-n-octyl phthalate	22.813	149	410423	18.715	ng/ul	100
90) Benzo(b)fluoranthene	23.923	252	447761	19.798	ng/ul#	96
91) Benzo(k)fluoranthene	23.994	252	431039	19.113	ng/ul#	92
93) Benzo(a)pyrene	24.805	252	411574	19.218	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.647	276	541092m	19.771	ng/ul	
95) Dibenzo(a,h)anthracene	28.712	278	460157m	20.358	ng/ul	
96) Benzo(g,h,i)perylene	29.811	276	408016	18.740	ng/ul	96

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

