

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071224\
 Data File : BG062066.D
 Acq On : 13 Jul 2024 9:39
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020502

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:36:11 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jul 11 12:11:32 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.035	152	30455	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	158573	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	131701	20.000	ng/ul	0.00
74) Phenanthrene-d10	17.413	188	334254	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.672	240	312714	20.000	ng/ul	0.00
88) Perylene-d12	24.880	264	361465	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	7026m	8.669	ng/uL	0.00
4) Pyridine-d5	3.858	84	51061	20.491	ng/ul	0.00
7) Phenol-d5	7.207	99	59516	17.857	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.360	67	34060	16.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	41085m	17.971	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	49020	18.680	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	22026	18.264	ng/ul	0.00
24) 2-Nitrophenol-d4	9.927	143	26399	19.168	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	52977	19.943	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	72129	18.702	ng/ul	0.00
46) Dimethylphthalate-d6	14.070	166	193161	17.840	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	200759	17.732	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	29135	16.850	ng/ul	0.00
60) Fluorene-d10	15.662	176	167247	18.348	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.779	200	30203	17.205	ng/ul	0.00
73) Anthracene-d10	17.513	188	279492	17.910	ng/ul	0.00
81) Pyrene-d10	19.792	212	309151	16.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.657	264	332929	18.572	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	6622	7.403	ng/uL#	79
5) Pyridine	3.876	79	52674	20.611	ng/ul	98
6) Benzaldehyde	7.172	77	31628	17.930	ng/ul	95
8) Phenol	7.231	94	61262	17.953	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.454	93	40232	15.348	ng/ul	91
12) 2-Chlorophenol	7.601	128	41539	17.834	ng/ul	93
13) 2-Methylphenol	8.488	108	43071	17.685	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.564	45	85991	15.015	ng/ul	98
16) Acetophenone	8.864	105	75392	17.393	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.840	70	38975	16.061	ng/ul#	94
18) 4-Methylphenol	8.817	108	50104	18.370	ng/ul	86
19) Hexachloroethane	9.122	117	18371	18.182	ng/ul#	77
22) Nitrobenzene	9.252	77	63996	18.694	ng/ul	98
23) Isophorone	9.769	82	123433	15.960	ng/ul#	97
25) 2-Nitrophenol	9.963	139	24326	17.320	ng/ul#	85
26) 2,4-Dimethylphenol	10.015	107	66528	19.792	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.251	93	64130	15.057	ng/ul	98
29) 2,4-Dichlorophenol	10.503	162	48995	19.635	ng/ul	96
30) Naphthalene	10.903	128	152619	17.521	ng/ul#	94
32) 4-Chloroaniline	11.008	127	72745	19.223	ng/ul	98
33) Hexachlorobutadiene	11.173	225	34514	18.380	ng/ul#	71
34) Caprolactam	11.778	113	18240m	18.657	ng/ul	
35) 4-Chloro-3-methylphenol	12.137	107	70486	21.209	ng/ul	93
36) 2-Methylnaphthalene	12.501	142	118134	18.720	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.718	142	121209	18.483	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.865	216	69134	17.480	ng/ul	98
40) Hexachlorocyclopentadiene	12.836	237	25834	9.812	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.112	196	46715	17.783	ng/ul	96
42) 2,4,5-Trichlorophenol	13.188	196	51655	17.901	ng/ul	87
43) 1,1'-Biphenyl	13.506	154	169122	16.666	ng/ul	97
44) 2-Chloronaphthalene	13.553	162	130084	17.081	ng/ul	97
45) 2-Nitroaniline	13.758	65	62025	20.338	ng/ul	93
47) Dimethylphthalate	14.122	163	181487	17.426	ng/ul	97
48) 2,6-Dinitrotoluene	14.246	165	38860	19.669	ng/ul	100
50) Acenaphthylene	14.393	152	215480	17.341	ng/ul	98
51) 3-Nitroaniline	14.581	138	36824	19.148	ng/ul	91
52) Acenaphthene	14.733	153	150587	17.550	ng/ul	97
53) 2,4-Dinitrophenol	14.792	184	10825	10.487	ng/ul	91
55) 4-Nitrophenol	14.898	109	38821	19.671	ng/ul	85
56) Dibenzofuran	15.068	168	215160	17.742	ng/ul	94
57) 2,4-Dinitrotoluene	15.033	165	62195	21.466	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.298	232	48780	18.720	ng/ul	92
59) Diethylphthalate	15.480	149	199597	17.785	ng/ul	97
61) Fluorene	15.715	166	188927	18.319	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.703	204	93851	18.117	ng/ul	95
63) 4-Nitroaniline	15.738	138	37707	19.323	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.797	198	30626	16.211	ng/ul#	88
67) N-Nitrosodiphenylamine	15.920	169	160099	17.539	ng/ul	99
68) 4-Bromophenyl-phenylether	16.596	248	69988	18.457	ng/ul	93
69) Hexachlorobenzene	16.714	284	82384	18.894	ng/ul	92
70) Atrazine	16.866	200	69196	19.203	ng/ul	91
71) Pentachlorophenol	17.060	266	25085	10.466	ng/ul#	91
72) Phenanthrene	17.454	178	314334	17.835	ng/ul	99
74) Anthracene	17.548	178	320127	17.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.470	216	69875	16.832	ng/ul	99
76) Pentachlorobenzene	14.980	250	86478	18.264	ng/ul	96
77) Carbazole	17.818	167	276281	18.024	ng/ul	96
78) Di-n-butylphthalate	18.365	149	339659	17.259	ng/ul	98
80) Fluoranthene	19.463	202	369269	16.964	ng/ul#	92
82) Pyrene	19.828	202	381994	16.989	ng/ul#	92
83) Butylbenzylphthalate	20.703	149	156015	16.533	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.567	252	147561	19.835	ng/ul	97
85) Benzo(a)anthracene	21.655	228	396249	17.501	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.549	149	228991	16.911	ng/ul#	99
87) Chrysene	21.719	228	370471	17.478	ng/ul	99
89) Di-n-octyl phthalate	22.753	149	396348	17.948	ng/ul	100
90) Benzo(b)fluoranthene	23.864	252	422357	18.546	ng/ul	98
91) Benzo(k)fluoranthene	23.923	252	417666m	18.391	ng/ul	
93) Benzo(a)pyrene	24.728	252	388024	17.993	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.535	276	499608	18.129	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.600	278	426393m	18.734	ng/ul	
96) Benzo(g,h,i)perylene	29.675	276	396103m	18.067	ng/ul	

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

