

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062911.D
 Acq On : 18 Sep 2024 16:28
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020497

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 18 18:14:59 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 18 00:45:18 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	43755	20.000	ng/u1	0.00
20) Naphthalene-d8	10.644	136	197413	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.492	164	159234	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	369773m	20.000	ng/u1	0.00
79) Chrysene-d12	21.490	240	360756	20.000	ng/u1	0.00
88) Perylene-d12	24.527	264	418743	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	10868	7.275	ng/uL	0.00
4) Pyridine-d5	3.734	84	88529	21.829	ng/u1	0.00
7) Phenol-d5	7.024	99	91632	20.182	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	53036	20.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.389	132	59597	19.993	ng/u1	0.00
15) 4-Methylphenol-d8	8.564	113	67947	20.429	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	30079	19.125	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	37015	20.746	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	72054	19.464	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	92064	19.984	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	225192	19.018	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	250597	18.948	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	33856	17.842	ng/u1	0.00
60) Fluorene-d10	15.485	176	209663	19.016	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	43410m	19.420	ng/u1	0.00
73) Anthracene-d10	17.336	188	339163	19.407	ng/u1	0.00
81) Pyrene-d10	19.633	212	422004	19.314	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.322	264	425407	19.263	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	13643	9.229	ng/uL#	80
5) Pyridine	3.758	79	90562	22.425	ng/u1	95
6) Benzaldehyde	7.001	77	54313	21.857	ng/u1	92
8) Phenol	7.054	94	95672	20.199	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.277	93	64374	20.102	ng/u1#	86
12) 2-Chlorophenol	7.424	128	59743	19.525	ng/u1	99
13) 2-Methylphenol	8.293	108	65503	19.994	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.370	45	77278	19.450	ng/u1	97
16) Acetophenone	8.675	105	114714	21.926	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.658	70	62350	20.409	ng/u1#	96
18) 4-Methylphenol	8.628	108	73203	20.417	ng/u1	87
19) Hexachloroethane	8.934	117	25923	19.943	ng/u1	80
22) Nitrobenzene	9.051	77	94154	20.165	ng/u1	97
23) Isophorone	9.574	82	180789	19.443	ng/u1	99
25) 2-Nitrophenol	9.762	139	38119	19.456	ng/u1#	88
26) 2,4-Dimethylphenol	9.827	107	85083	19.382	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.056	93	94309	19.078	ng/u1	95
29) 2,4-Dichlorophenol	10.297	162	72686	19.835	ng/u1	97
30) Naphthalene	10.696	128	215115	19.625	ng/u1#	95
32) 4-Chloroaniline	10.802	127	88294	19.685	ng/u1	95
33) Hexachlorobutadiene	10.984	225	62278	21.262	ng/u1	96
34) Caprolactam	11.554	113	24015m	19.685	ng/u1	
35) 4-Chloro-3-methylphenol	11.930	107	86014	20.422	ng/u1#	85
36) 2-Methylnaphthalene	12.306	142	157426	19.930	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.524	142	153905	19.253	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.677	216	108570	19.239	ng/ul	97
40) Hexachlorocyclopentadiene	12.659	237	58135	19.418	ng/ul	91
41) 2,4,6-Trichlorophenol	12.917	196	69167	19.669	ng/ul	95
42) 2,4,5-Trichlorophenol	12.994	196	71161	19.262	ng/ul	94
43) 1,1'-Biphenyl	13.323	154	222181	18.784	ng/ul	97
44) 2-Chloronaphthalene	13.364	162	181733	19.117	ng/ul	100
45) 2-Nitroaniline	13.564	65	64369	20.028	ng/ul	98
47) Dimethylphthalate	13.946	163	233024	19.234	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	45056	19.490	ng/ul#	81
50) Acenaphthylene	14.210	152	260198	18.687	ng/ul	94
51) 3-Nitroaniline	14.392	138	38630	18.634	ng/ul#	66
52) Acenaphthene	14.551	153	187463	18.536	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	26427	19.140	ng/ul	95
55) 4-Nitrophenol	14.709	109	42867	20.005	ng/ul	96
56) Dibenzofuran	14.892	168	280378	18.694	ng/ul	96
57) 2,4-Dinitrotoluene	14.850	165	66486	19.083	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.121	232	66413	19.977	ng/ul	93
59) Diethylphthalate	15.309	149	238070	17.661	ng/ul	97
61) Fluorene	15.538	166	218788	19.065	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.532	204	123837	19.557	ng/ul	97
63) 4-Nitroaniline	15.556	138	39733	19.097	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.620	198	48506	20.285	ng/ul	100
67) N-Nitrosodiphenylamine	15.749	169	202665	19.516	ng/ul	94
68) 4-Bromophenyl-phenylether	16.431	248	84710	20.606	ng/ul	99
69) Hexachlorobenzene	16.548	284	100804	21.238	ng/ul	93
70) Atrazine	16.695	200	87185	20.242	ng/ul	96
71) Pentachlorophenol	16.889	266	52421m	19.368	ng/ul	
72) Phenanthrene	17.283	178	380154m	19.352	ng/ul	
74) Anthracene	17.371	178	387363	19.097	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.288	216	115939	20.561	ng/ul	98
76) Pentachlorobenzene	14.809	250	120551	20.256	ng/ul	99
77) Carbazole	17.641	167	315834	19.558	ng/ul	99
78) Di-n-butylphthalate	18.205	149	384266	18.501	ng/ul	98
80) Fluoranthene	19.298	202	472698	19.824	ng/ul	97
82) Pyrene	19.662	202	497630	19.575	ng/ul	97
83) Butylbenzylphthalate	20.561	149	170833	19.336	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.390	252	165443	20.447	ng/ul#	92
85) Benzo(a)anthracene	21.472	228	490136	19.178	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.390	149	239654	18.775	ng/ul#	97
87) Chrysene	21.537	228	473871	19.817	ng/ul	98
89) Di-n-octyl phthalate	22.541	149	405711	18.294	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	491687	19.287	ng/ul#	97
91) Benzo(k)fluoranthene	23.628	252	495888	19.524	ng/ul#	98
93) Benzo(a)pyrene	24.386	252	456798	19.061	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.959	276	568952	19.374	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.006	278	443794	18.905	ng/ul	97
96) Benzo(g,h,i)perylene	29.016	276	431119	19.120	ng/ul	97

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

