

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
 Data File : BG062718.D
 Acq On : 11 Sep 2024 3:03
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020478

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2024

Supervised By :mohammad ahmed 09/13/2024

Supervised By :mohammad

ahmed

09/13/2024

Quant Time: Sep 11 04:35:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	57189	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	274974	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	241427	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	667209	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	715699	20.000	ng/u1	0.00
88) Perylene-d12	24.580	264	793435	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	11823	9.345	ng/uL	0.00
4) Pyridine-d5	3.769	84	90182	22.394	ng/u1	0.00
7) Phenol-d5	7.065	99	95473	19.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	58048	19.307	ng/u1	0.00
11) 2-Chlorophenol-d4	7.435	132	74587	20.419	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	85715	20.511	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	38470	19.575	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	47012	21.873	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	91305	19.507	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	125719	19.540	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	353429	19.010	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	399869	19.366	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	58994	18.679	ng/u1	0.00
60) Fluorene-d10	15.520	176	327187	19.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	69668	18.153	ng/u1	0.00
73) Anthracene-d10	17.371	188	626094	19.883	ng/u1	0.00
81) Pyrene-d10	19.662	212	791240	19.646	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	806107	19.241	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	13255	9.348	ng/uL	96
5) Pyridine	3.787	79	99840	23.637	ng/u1	97
6) Benzaldehyde	7.042	77	67319	24.416	ng/u1	96
8) Phenol	7.095	94	99935	19.170	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.324	93	78372	19.888	ng/u1	97
12) 2-Chlorophenol	7.471	128	76105	20.377	ng/u1	94
13) 2-Methylphenol	8.340	108	79977	20.459	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	145085	20.455	ng/u1	98
16) Acetophenone	8.716	105	139826	20.587	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.705	70	74554	20.968	ng/u1	96
18) 4-Methylphenol	8.669	108	91961	20.910	ng/u1	95
19) Hexachloroethane	8.987	117	31223	20.767	ng/u1	94
22) Nitrobenzene	9.098	77	101596	19.109	ng/u1	94
23) Isophorone	9.621	82	221153	20.346	ng/u1	99
25) 2-Nitrophenol	9.809	139	49011	20.689	ng/u1	94
26) 2,4-Dimethylphenol	9.868	107	97819	19.325	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.103	93	111327	18.326	ng/u1	98
29) 2,4-Dichlorophenol	10.344	162	90641	19.661	ng/u1	97
30) Naphthalene	10.743	128	288341	19.557	ng/u1	100
32) 4-Chloroaniline	10.849	127	122676	19.172	ng/u1	98
33) Hexachlorobutadiene	11.037	225	76363	19.883	ng/u1	97
34) Caprolactam	11.595	113	33825m	19.907	ng/u1	
35) 4-Chloro-3-methylphenol	11.977	107	100999	20.083	ng/u1	99
36) 2-Methylnaphthalene	12.353	142	217377	19.977	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	224882	20.176	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.723	216	154097	18.566	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	79863	18.805	ng/ul	96
41) 2,4,6-Trichlorophenol	12.958	196	95662	19.028	ng/ul	98
42) 2,4,5-Trichlorophenol	13.035	196	100316	18.585	ng/ul	94
43) 1,1'-Biphenyl	13.364	154	311577	18.352	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	257727	18.669	ng/ul	99
45) 2-Nitroaniline	13.605	65	74423	19.646	ng/ul	99
47) Dimethylphthalate	13.981	163	367566	19.198	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	69021	20.462	ng/ul	97
50) Acenaphthylene	14.251	152	416643	19.113	ng/ul	100
51) 3-Nitroaniline	14.427	138	67324	19.935	ng/ul	96
52) Acenaphthene	14.598	153	297391	19.260	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	42025	18.867	ng/ul	99
55) 4-Nitrophenol	14.744	109	53461	18.831	ng/ul	96
56) Dibenzofuran	14.927	168	437395	19.068	ng/ul	99
57) 2,4-Dinitrotoluene	14.891	165	106637	20.220	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	108403	19.817	ng/ul#	99
59) Diethylphthalate	15.350	149	359481	19.032	ng/ul	99
61) Fluorene	15.579	166	349912	19.418	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	202797	19.186	ng/ul	96
63) 4-Nitroaniline	15.591	138	74293	20.443	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.655	198	73750	18.538	ng/ul	99
67) N-Nitrosodiphenylamine	15.784	169	314181	18.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	149178	19.430	ng/ul	98
69) Hexachlorobenzene	16.584	284	170104	19.405	ng/ul	97
70) Atrazine	16.736	200	154083	20.218	ng/ul	96
71) Pentachlorophenol	16.930	266	103950	19.825	ng/ul	96
72) Phenanthrene	17.318	178	687258	19.807	ng/ul	99
74) Anthracene	17.406	178	703567	19.890	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.329	216	165962	18.214	ng/ul	99
76) Pentachlorobenzene	14.850	250	181363	17.962	ng/ul	96
77) Carbazole	17.676	167	594770	20.277	ng/ul	98
78) Di-n-butylphthalate	18.240	149	690102	19.893	ng/ul	99
80) Fluoranthene	19.327	202	866552	19.427	ng/ul	99
82) Pyrene	19.692	202	934397	19.461	ng/ul	100
83) Butylbenzylphthalate	20.585	149	292474	20.519	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.419	252	322000	21.370	ng/ul	98
85) Benzo(a)anthracene	21.501	228	967400	19.435	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.419	149	417015	19.869	ng/ul	99
87) Chrysene	21.566	228	934073	19.780	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	709476	19.223	ng/ul	100
90) Benzo(b)fluoranthene	23.611	252	953786	19.470	ng/ul	99
91) Benzo(k)fluoranthene	23.675	252	941487	18.770	ng/ul	98
93) Benzo(a)pyrene	24.439	252	879301	19.030	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.029	276	1132929	19.901	ng/ul	97
95) Dibenzo(a,h)anthracene	28.088	278	905712	19.807	ng/ul	98
96) Benzo(g,h,i)perylene	29.104	276	874392	19.887	ng/ul	99

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

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