

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063090.D
 Acq On : 28 Sep 2024 2:23
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020513

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 28 03:48:33 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 25 13:16:45 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	78920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	356258	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.482	164	319984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.232	188	866205m	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	954847	20.000	ng/u1	# 0.00
88) Perylene-d12	24.529	264	1091886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	11797	8.617	ng/uL	0.00
4) Pyridine-d5	3.718	84	78597	23.480	ng/u1	0.00
7) Phenol-d5	7.020	99	111420	22.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.179	67	43477	22.831	ng/u1	0.00
11) 2-Chlorophenol-d4	7.385	132	103191	21.545	ng/u1	0.00
15) 4-Methylphenol-d8	8.554	113	101182	22.994	ng/u1	0.00
21) Nitrobenzene-d5	9.006	128	49973	19.076	ng/u1	0.00
24) 2-Nitrophenol-d4	9.723	143	71614	21.405	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.264	165	142204	20.365	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	162748	19.863	ng/u1	0.00
46) Dimethylphthalate-d6	13.889	166	483570	19.007	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	548919	20.360	ng/u1	0.00
54) 4-Nitrophenol-d4	14.688	143	67965	17.713	ng/u1	0.00
60) Fluorene-d10	15.481	176	470319	20.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	105032	17.351	ng/u1	0.00
73) Anthracene-d10	17.332	188	832860	20.041	ng/u1	0.00
81) Pyrene-d10	19.629	212	1105952	20.570	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.318	264	1165383	19.928	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.354	88	13538	8.377	ng/uL#	79
5) Pyridine	3.742	79	78125	23.710	ng/u1	92
6) Benzaldehyde	6.985	77	60081	26.539	ng/u1	95
8) Phenol	7.044	94	111247	22.681	ng/u1#	95
10) Bis(2-Chloroethyl)ether	7.273	93	70441	23.080	ng/u1	98
12) 2-Chlorophenol	7.414	128	102358	22.014	ng/u1	98
13) 2-Methylphenol	8.295	108	97251	22.555	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.366	45	57753	24.839	ng/u1	100
16) Acetophenone	8.666	105	151405	22.125	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.648	70	62766	22.429	ng/u1#	93
18) 4-Methylphenol	8.613	108	112826	23.887	ng/u1	99
19) Hexachloroethane	8.930	117	37860	20.575	ng/u1	93
22) Nitrobenzene	9.042	77	99180	20.054	ng/u1#	87
23) Isophorone	9.564	82	191161	20.016	ng/u1	97
25) 2-Nitrophenol	9.758	139	69171	20.207	ng/u1#	94
26) 2,4-Dimethylphenol	9.817	107	124607	20.227	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.046	93	101915	20.417	ng/u1	93
29) 2,4-Dichlorophenol	10.287	162	138763	20.764	ng/u1	93
30) Naphthalene	10.687	128	365096	20.162	ng/u1	97
32) 4-Chloroaniline	10.792	127	155445	20.631	ng/u1	89
33) Hexachlorobutadiene	10.975	225	120898	18.604	ng/u1	92
34) Caprolactam	11.544	113	36291m	19.416	ng/u1	
35) 4-Chloro-3-methylphenol	11.926	107	123560	21.040	ng/u1	96
36) 2-Methylnaphthalene	12.302	142	299147	20.365	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.520	142	303498	20.441	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.673	216	247410	19.904	ng/ul	97
40) Hexachlorocyclopentadiene	12.649	237	115854	16.401	ng/ul	95
41) 2,4,6-Trichlorophenol	12.914	196	152352	21.306	ng/ul	98
42) 2,4,5-Trichlorophenol	12.990	196	167727	21.343	ng/ul	95
43) 1,1'-Biphenyl	13.313	154	434623	20.514	ng/ul	98
44) 2-Chloronaphthalene	13.354	162	362209	21.232	ng/ul	99
45) 2-Nitroaniline	13.560	65	63704	20.748	ng/ul	98
47) Dimethylphthalate	13.936	163	465420	19.076	ng/ul	98
48) 2,6-Dinitrotoluene	14.059	165	102296	20.361	ng/ul	99
50) Acenaphthylene	14.206	152	556289	20.589	ng/ul	98
51) 3-Nitroaniline	14.388	138	96939	22.862	ng/ul#	96
52) Acenaphthene	14.547	153	387769	20.605	ng/ul	97
53) 2,4-Dinitrophenol	14.600	184	60349	16.991	ng/ul	88
55) 4-Nitrophenol	14.706	109	77617	16.710	ng/ul	91
56) Dibenzofuran	14.882	168	628655	20.877	ng/ul	99
57) 2,4-Dinitrotoluene	14.852	165	158772	19.836	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.117	232	164258	19.562	ng/ul#	99
59) Diethylphthalate	15.305	149	465780	19.296	ng/ul	98
61) Fluorene	15.534	166	519705	20.943	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.528	204	313394	20.098	ng/ul	99
63) 4-Nitroaniline	15.552	138	100632	21.885	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.616	198	113467m	17.679	ng/ul	
67) N-Nitrosodiphenylamine	15.745	169	452517	20.956	ng/ul	98
68) 4-Bromophenyl-phenylether	16.427	248	221750	20.860	ng/ul	97
69) Hexachlorobenzene	16.545	284	242497	20.474	ng/ul	97
70) Atrazine	16.697	200	212140	19.979	ng/ul	98
71) Pentachlorophenol	16.885	266	110826m	15.037	ng/ul	
72) Phenanthrene	17.279	178	932514m	20.884	ng/ul	
74) Anthracene	17.367	178	934208	20.346	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.284	216	267306	21.625	ng/ul	96
76) Pentachlorobenzene	14.805	250	286420	21.268	ng/ul	98
77) Carbazole	17.637	167	752137	20.468	ng/ul	99
78) Di-n-butylphthalate	18.201	149	829817	20.794	ng/ul	98
80) Fluoranthene	19.294	202	1241760	20.605	ng/ul#	97
82) Pyrene	19.659	202	1308971	20.736	ng/ul#	98
83) Butylbenzylphthalate	20.557	149	372276	21.366	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	479522	21.247	ng/ul#	98
85) Benzo(a)anthracene	21.468	228	1346040	20.297	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	526713	21.140	ng/ul	94
87) Chrysene	21.533	228	1289440	20.946	ng/ul	100
89) Di-n-octyl phthalate	22.532	149	879788	21.250	ng/ul	100
90) Benzo(b)fluoranthene	23.566	252	1328840	19.570	ng/ul	99
91) Benzo(k)fluoranthene	23.630	252	1362954	20.206	ng/ul	99
93) Benzo(a)pyrene	24.382	252	1241342	19.973	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.955	276	1569146	20.508	ng/ul	93
95) Dibenzo(a,h)anthracene	28.008	278	1275709	20.459	ng/ul	99
96) Benzo(g,h,i)perylene	29.024	276	1183798	20.428	ng/ul	97

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

