

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063116.D
 Acq On : 28 Sep 2024 20:21
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020515

Manual Integrations

APPROVED

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

Quant Time: Sep 29 00:27:22 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	7.852	152	103304	20.000	ng/u1	0.00
20) Naphthalene-d8	10.637	136	435954	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.485	164	399782	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.235	188	1112016	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.489	240	1145380	20.000	ng/u1	# 0.00
88) Perylene-d12	24.526	264	1305380	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	14663	8.183	ng/uL	0.00
4) Pyridine-d5	3.721	84	98866	22.563	ng/u1	0.00
7) Phenol-d5	7.017	99	140787	22.065	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.176	67	55667	22.332	ng/u1	0.00
11) 2-Chlorophenol-d4	7.382	132	133496	21.294	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	122842	21.327	ng/u1	0.00
21) Nitrobenzene-d5	9.003	128	62981	19.647	ng/u1	0.00
24) 2-Nitrophenol-d4	9.726	143	86715	21.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.261	165	170068	19.903	ng/u1	0.00
31) 4-Chloroaniline-d4	10.772	131	203720	20.318	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	637611	20.059	ng/u1	0.00
49) Acenaphthylene-d8	14.174	160	669198	19.867	ng/u1	0.00
54) 4-Nitrophenol-d4	14.691	143	96253	20.078	ng/u1	0.00
60) Fluorene-d10	15.478	176	579542	19.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	137763	17.727	ng/u1	0.00
73) Anthracene-d10	17.335	188	1071650	20.087	ng/u1	0.00
81) Pyrene-d10	19.632	212	1359908	21.086	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	1391572	19.904	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.345	88	15139	7.157	ng/uL	94
5) Pyridine	3.739	79	97111	22.515	ng/u1#	82
6) Benzaldehyde	6.988	77	76342	25.762	ng/u1	95
8) Phenol	7.047	94	144010	22.430	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.270	93	91554	22.917	ng/u1	95
12) 2-Chlorophenol	7.411	128	127958	21.024	ng/u1	96
13) 2-Methylphenol	8.292	108	123447	21.873	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.369	45	78889	25.921	ng/u1	96
16) Acetophenone	8.663	105	189358	21.139	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.651	70	80000	21.840	ng/u1#	92
18) 4-Methylphenol	8.621	108	141703	22.920	ng/u1	99
19) Hexachloroethane	8.927	117	47269	19.625	ng/u1	86
22) Nitrobenzene	9.044	77	122706	20.275	ng/u1#	89
23) Isophorone	9.562	82	246435	21.087	ng/u1	98
25) 2-Nitrophenol	9.755	139	84372	20.142	ng/u1	95
26) 2,4-Dimethylphenol	9.820	107	151351	20.077	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.043	93	128662	21.063	ng/u1#	97
29) 2,4-Dichlorophenol	10.290	162	168713	20.631	ng/u1	98
30) Naphthalene	10.690	128	447936	20.214	ng/u1	99
32) 4-Chloroaniline	10.795	127	191786	20.801	ng/u1	88
33) Hexachlorobutadiene	10.978	225	149701	18.825	ng/u1	92
34) Caprolactam	11.547	113	51860m	22.674	ng/u1	
35) 4-Chloro-3-methylphenol	11.929	107	154658	21.521	ng/u1	98
36) 2-Methylnaphthalene	12.300	142	364864	20.298	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.523	142	367890	20.248	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.676	216	296681	19.103	ng/ul	99
40) Hexachlorocyclopentadiene	12.652	237	136842	15.505	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	181523	20.319	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	207110m	21.094	ng/ul	
43) 1,1'-Biphenyl	13.316	154	527353	19.923	ng/ul#	96
44) 2-Chloronaphthalene	13.357	162	431040	20.223	ng/ul	100
45) 2-Nitroaniline	13.557	65	82983	21.633	ng/ul	88
47) Dimethylphthalate	13.939	163	599906	19.680	ng/ul	99
48) 2,6-Dinitrotoluene	14.056	165	126286	20.119	ng/ul	97
50) Acenaphthylene	14.203	152	687616	20.370	ng/ul	98
51) 3-Nitroaniline	14.385	138	122082	23.045	ng/ul#	91
52) Acenaphthene	14.550	153	497490	21.159	ng/ul	96
53) 2,4-Dinitrophenol	14.603	184	87460	19.709	ng/ul#	82
55) 4-Nitrophenol	14.708	109	99949	17.223	ng/ul	91
56) Dibenzofuran	14.885	168	773468	20.559	ng/ul	95
57) 2,4-Dinitrotoluene	14.849	165	204089	20.408	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.114	232	205019	19.543	ng/ul#	96
59) Diethylphthalate	15.308	149	598607	19.849	ng/ul	97
61) Fluorene	15.537	166	642744	20.731	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.531	204	380491	19.531	ng/ul	99
63) 4-Nitroaniline	15.555	138	124964	21.752	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.619	198	145966	17.715	ng/ul#	95
67) N-Nitrosodiphenylamine	15.743	169	579424	20.901	ng/ul	97
68) 4-Bromophenyl-phenylether	16.424	248	282494	20.700	ng/ul	96
69) Hexachlorobenzene	16.547	284	307217	20.204	ng/ul	96
70) Atrazine	16.694	200	274379	20.129	ng/ul	95
71) Pentachlorophenol	16.888	266	147959	15.638	ng/ul	94
72) Phenanthrene	17.276	178	1160195	20.239	ng/ul	99
74) Anthracene	17.370	178	1198301	20.328	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	315048	19.854	ng/ul	98
76) Pentachlorobenzene	14.808	250	349815	20.233	ng/ul	93
77) Carbazole	17.640	167	964056	20.436	ng/ul	98
78) Di-n-butylphthalate	18.204	149	1045548	20.409	ng/ul	97
80) Fluoranthene	19.297	202	1521335	21.045	ng/ul#	97
82) Pyrene	19.661	202	1608890	21.247	ng/ul#	97
83) Butylbenzylphthalate	20.555	149	455382	21.788	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.389	252	575673	21.264	ng/ul#	96
85) Benzo(a)anthracene	21.471	228	1625511	20.433	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.389	149	644695	21.571	ng/ul	97
87) Chrysene	21.536	228	1511563	20.469	ng/ul	99
89) Di-n-octyl phthalate	22.535	149	1094681	22.116	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1618765	19.941	ng/ul	97
91) Benzo(k)fluoranthene	23.633	252	1635623	20.282	ng/ul#	98
93) Benzo(a)pyrene	24.385	252	1485045	19.987	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.958	276	1883877	20.594	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.011	278	1529408	20.516	ng/ul#	99
96) Benzo(g,h,i)perylene	29.027	276	1402001	20.237	ng/ul	98

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

