

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
 Data File : BG060531.D
 Acq On : 1 Feb 2024 7:22
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020485

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 14:23:14 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jan 31 22:04:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	127231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	578235	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.573	164	488652	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	1284493	20.000	ng/ul	0.00
79) Chrysene-d12	21.583	240	1254875	20.000	ng/ul	0.00
88) Perylene-d12	24.756	264	1351478	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	19167	7.549	ng/uL	0.00
4) Pyridine-d5	3.780	84	142042	17.685	ng/ul	0.00
7) Phenol-d5	7.100	99	210933	17.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	125904	16.581	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	140504	17.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.639	113	176354	17.718	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	81373	19.077	ng/ul	0.00
24) 2-Nitrophenol-d4	9.820	143	99182	19.902	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	209408	20.205	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	257665	18.951	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	733394	18.342	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	830617	18.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.773	143	100229	17.501	ng/ul	0.00
60) Fluorene-d10	15.561	176	663321	18.933	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.684	200	129538	16.286	ng/ul	0.00
73) Anthracene-d10	17.417	188	1153317	18.941	ng/ul	0.00
81) Pyrene-d10	19.709	212	1401433	18.633	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.532	264	1323498	18.668	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	20745	7.384	ng/uL	88
5) Pyridine	3.798	79	146331	17.920	ng/ul	93
6) Benzaldehyde	7.076	77	103565	22.548	ng/ul	96
8) Phenol	7.123	94	217683	17.234	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.352	93	169828	16.881	ng/ul	95
12) 2-Chlorophenol	7.499	128	148300	17.817	ng/ul	93
13) 2-Methylphenol	8.375	108	173192	17.743	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.451	45	246126	18.538	ng/ul#	93
16) Acetophenone	8.757	105	291933	18.405	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.733	70	158093	18.483	ng/ul	95
18) 4-Methylphenol	8.704	108	197407	18.809	ng/ul	94
19) Hexachloroethane	9.015	117	66284	18.011	ng/ul	95
22) Nitrobenzene	9.139	77	217366	18.629	ng/ul#	93
23) Isophorone	9.656	82	471796	18.650	ng/ul	99
25) 2-Nitrophenol	9.850	139	100972	19.931	ng/ul	94
26) 2,4-Dimethylphenol	9.908	107	211127	20.196	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.137	93	269511	18.715	ng/ul	99
29) 2,4-Dichlorophenol	10.384	162	204562	20.533	ng/ul	96
30) Naphthalene	10.790	128	573996	18.397	ng/ul	99
32) 4-Chloroaniline	10.895	127	251550	18.858	ng/ul	97
33) Hexachlorobutadiene	11.072	225	152981	18.493	ng/ul	97
34) Caprolactam	11.647	113	68910m	20.778	ng/ul	
35) 4-Chloro-3-methylphenol	12.018	107	215364	21.562	ng/ul	94
36) 2-Methylnaphthalene	12.394	142	440191	20.069	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.617	142	437202	19.722	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.764	216	327343	18.406	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	140271	13.043	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.005	196	205224	18.930	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	220129	19.216	ng/ul	96
43) 1,1'-Biphenyl	13.404	154	669273	18.489	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	562294	18.398	ng/ul	96
45) 2-Nitroaniline	13.651	65	154268	20.055	ng/ul	86
47) Dimethylphthalate	14.021	163	727156	18.219	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	154385	20.510	ng/ul	94
50) Acenaphthylene	14.291	152	920024	18.593	ng/ul	99
51) 3-Nitroaniline	14.479	138	133271	21.062	ng/ul	91
52) Acenaphthene	14.638	153	609802	18.475	ng/ul	99
53) 2,4-Dinitrophenol	14.685	184	50353	12.256	ng/ul	94
55) 4-Nitrophenol	14.785	109	70361	18.045	ng/ul	89
56) Dibenzofuran	14.967	168	887054	19.036	ng/ul	98
57) 2,4-Dinitrotoluene	14.938	165	226463	20.531	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.196	232	204542	19.212	ng/ul#	96
59) Diethylphthalate	15.384	149	708159	18.453	ng/ul	99
61) Fluorene	15.619	166	742626	19.425	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.608	204	411553	19.503	ng/ul	98
63) 4-Nitroaniline	15.643	138	120254	19.400	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.696	198	132879	15.972	ng/ul#	93
67) N-Nitrosodiphenylamine	15.825	169	640560	18.386	ng/ul	97
68) 4-Bromophenyl-phenylether	16.506	248	275773	18.480	ng/ul	96
69) Hexachlorobenzene	16.624	284	329785	19.052	ng/ul	97
70) Atrazine	16.771	200	267429	18.672	ng/ul	95
71) Pentachlorophenol	16.971	266	121841	12.780	ng/ul	87
72) Phenanthrene	17.358	178	1277643	18.918	ng/ul	99
74) Anthracene	17.452	178	1311682	19.060	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	345081	18.524	ng/uL	98
76) Pentachlorobenzene	14.891	250	355177	18.150	ng/uL	97
77) Carbazole	17.723	167	1100428	19.361	ng/ul	99
78) Di-n-butylphthalate	18.275	149	1267234	18.912	ng/ul	100
80) Fluoranthene	19.374	202	1562855	18.621	ng/ul	99
82) Pyrene	19.738	202	1631720	18.680	ng/ul	96
83) Butylbenzylphthalate	20.625	149	534918	17.181	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.483	252	574861	19.856	ng/ul	98
85) Benzo(a)anthracene	21.565	228	1651103	19.081	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.465	149	782787	16.844	ng/ul	99
87) Chrysene	21.630	228	1516865	18.662	ng/ul	98
89) Di-n-octyl phthalate	22.652	149	1357659	18.824	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1588793	18.945	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	1584446	18.501	ng/ul	99
93) Benzo(a)pyrene	24.603	252	1514512	18.772	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.363	276	1845663	18.662	ng/ul	99
95) Dibenzo(a,h)anthracene	28.422	278	1511229	18.729	ng/ul	99
96) Benzo(g,h,i)perylene	29.491	276	1475229	18.423	ng/ul	98

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

