

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
 Data File : BG051252.D
 Acq On : 26 Nov 2021 11:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020562

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021

Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 11:47:45 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 24 06:04:50 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	27746	20.000	ng/u1	0.00
20) Naphthalene-d8	11.028	136	128688	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.835	164	89844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.585	188	188703	20.000	ng/u1	0.00
79) Chrysene-d12	21.886	240	165909	20.000	ng/u1	0.00
88) Perylene-d12	25.294	264	165864	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.543	96	5617	7.035	ng/uL	0.00
4) Pyridine-d5	3.972	84	41611	17.760	ng/u1	0.00
7) Phenol-d5	7.362	99	50835	18.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.514	67	31201	18.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.732	132	36478	18.473	ng/u1	0.00
15) 4-Methylphenol-d8	8.919	113	40394	18.254	ng/u1	0.00
21) Nitrobenzene-d5	9.377	128	19805	18.231	ng/u1	0.00
24) 2-Nitrophenol-d4	10.106	143	22865	18.659	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.652	165	39545	19.020	ng/u1	0.00
31) 4-Chloroaniline-d4	11.169	131	55449	18.227	ng/u1	0.00
46) Dimethylphthalate-d6	14.230	166	120140	17.379	ng/u1	0.00
49) Acenaphthylene-d8	14.530	160	161092	18.480	ng/u1	0.00
54) 4-Nitrophenol-d4	15.059	143	15931	14.237	ng/u1	0.01
60) Fluorene-d10	15.822	176	109814	17.640	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	17280	14.840	ng/u1	0.00
73) Anthracene-d10	17.685	188	166851	18.488	ng/u1	0.00
81) Pyrene-d10	19.965	212	184635	18.392	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.059	264	161690	18.253	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.578	88	6193	6.878	ng/uL	93
5) Pyridine	3.995	79	43143	17.696	ng/u1	91
6) Benzaldehyde	7.332	77	37174	21.287	ng/u1	95
8) Phenol	7.391	94	53151	18.710	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.608	93	38229	17.788	ng/u1	98
12) 2-Chlorophenol	7.767	128	37937	18.853	ng/u1	97
13) 2-Methylphenol	8.648	108	39343	18.593	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.719	45	57373	18.499	ng/u1	99
16) Acetophenone	9.030	105	62854	18.363	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.001	70	35663	18.131	ng/u1	96
18) 4-Methylphenol	8.983	108	42602	18.828	ng/u1	95
19) Hexachloroethane	9.289	117	14930	17.566	ng/u1	99
22) Nitrobenzene	9.424	77	53051	18.625	ng/u1	97
23) Isophorone	9.941	82	100000	18.070	ng/u1	98
25) 2-Nitrophenol	10.135	139	22707	17.890	ng/u1	98
26) 2,4-Dimethylphenol	10.188	107	49058	18.904	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.417	93	55417	18.139	ng/u1	98
29) 2,4-Dichlorophenol	10.681	162	38467	18.795	ng/u1	96
30) Naphthalene	11.081	128	128477	18.348	ng/u1	97
32) 4-Chloroaniline	11.193	127	56354	18.452	ng/u1	97
33) Hexachlorobutadiene	11.345	225	24267	17.190	ng/u1	95
34) Caprolactam	11.950	113	14249	17.710	ng/u1	98
35) 4-Chloro-3-methylphenol	12.309	107	46857	19.059	ng/u1	100
36) 2-Methylnaphthalene	12.673	142	89435	18.778	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.891	142	91953	18.766	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.037	216	51610	18.298	ng/ul	96
40) Hexachlorocyclopentadiene	13.002	237	18773	16.467	ng/ul	98
41) 2,4,6-Trichlorophenol	13.278	196	32498	18.360	ng/ul	98
42) 2,4,5-Trichlorophenol	13.361	196	33829	18.251	ng/ul	99
43) 1,1'-Biphenyl	13.666	154	122749	18.292	ng/ul	98
44) 2-Chloronaphthalene	13.719	162	99096	18.564	ng/ul	99
45) 2-Nitroaniline	13.925	65	35456	19.192	ng/ul	93
47) Dimethylphthalate	14.271	163	122606	17.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.412	165	26689	18.158	ng/ul	98
50) Acenaphthylene	14.559	152	158005	18.346	ng/ul	97
51) 3-Nitroaniline	14.753	138	28024	19.289	ng/ul	97
52) Acenaphthene	14.900	153	102641	18.071	ng/ul	96
53) 2,4-Dinitrophenol	14.970	184	14564	17.926	ng/ul	89
55) 4-Nitrophenol	15.070	109	16391	16.886	ng/ul	93
56) Dibenzofuran	15.235	168	147352	17.986	ng/ul	100
57) 2,4-Dinitrotoluene	15.205	165	37899	18.053	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.464	232	24513	16.841	ng/ul#	93
59) Diethylphthalate	15.628	149	129210	17.592	ng/ul	99
61) Fluorene	15.881	166	118386	18.040	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.864	204	61734	17.456	ng/ul	94
63) 4-Nitroaniline	15.911	138	27810m	19.670	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.969	198	16866	15.019	ng/ul	99
67) N-Nitrosodiphenylamine	16.081	169	104616	19.365	ng/ul	96
68) 4-Bromophenyl-phenylether	16.757	248	37325	18.455	ng/ul	95
69) Hexachlorobenzene	16.886	284	38359	18.601	ng/ul	99
70) Atrazine	17.021	200	41000	18.059	ng/ul	98
71) Pentachlorophenol	17.238	266	12363	13.529	ng/ul	92
72) Phenanthrene	17.626	178	191331	18.364	ng/ul	99
74) Anthracene	17.720	178	193530	18.703	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.643	216	54485	19.795	ng/uL	96
76) Pentachlorobenzene	15.153	250	50025	19.506	ng/uL	99
77) Carbazole	17.990	167	170442	18.765	ng/ul	99
78) Di-n-butylphthalate	18.513	149	216750	18.508	ng/ul	100
80) Fluoranthene	19.630	202	228440	18.527	ng/ul	97
82) Pyrene	19.994	202	225133	18.666	ng/ul	97
83) Butylbenzylphthalate	20.852	149	94635	18.873	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.768	252	73215	18.954	ng/ul	98
85) Benzo(a)anthracene	21.868	228	208250	18.506	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.727	149	134822	18.685	ng/ul	100
87) Chrysene	21.939	228	197054	18.228	ng/ul	98
89) Di-n-octyl phthalate	22.990	149	230031	19.143	ng/ul	100
90) Benzo(b)fluoranthene	24.201	252	202794	18.117	ng/ul	98
91) Benzo(k)fluoranthene	24.271	252	193602	18.431	ng/ul	98
93) Benzo(a)pyrene	25.135	252	193730	18.141	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.224	276	215562m	18.039	ng/ul	
95) Dibenzo(a,h)anthracene	29.271	278	182894	18.040	ng/ul	98
96) Benzo(g,h,i)perylene	30.446	276	176858m	17.591	ng/ul	

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

