

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
 Data File : BG051264.D
 Acq On : 26 Nov 2021 19:23
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020563

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021

Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 22:55:04 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	8.197	152	32295	20.000	ng/u1	0.00
20) Naphthalene-d8	11.029	136	144739	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.837	164	93614	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.586	188	191811	20.000	ng/u1	0.00
79) Chrysene-d12	21.887	240	163257	20.000	ng/u1	0.00
88) Perylene-d12	25.301	264	164826	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.544	96	6413	6.901	ng/uL	0.00
4) Pyridine-d5	3.973	84	47173	17.298	ng/u1	0.00
7) Phenol-d5	7.363	99	57752	18.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	36678	18.297	ng/u1	0.00
11) 2-Chlorophenol-d4	7.733	132	42542	18.509	ng/u1	0.00
15) 4-Methylphenol-d8	8.914	113	45187	17.544	ng/u1	0.00
21) Nitrobenzene-d5	9.378	128	22400	18.333	ng/u1	0.00
24) 2-Nitrophenol-d4	10.107	143	25614	18.584	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.659	165	43758	18.712	ng/u1	0.00
31) 4-Chloroaniline-d4	11.170	131	61150	17.872	ng/u1	0.00
46) Dimethylphthalate-d6	14.225	166	127773	17.739	ng/u1	0.00
49) Acenaphthylene-d8	14.531	160	168049	18.502	ng/u1	0.00
54) 4-Nitrophenol-d4	15.054	143	17067	14.638	ng/u1	0.00
60) Fluorene-d10	15.824	176	117650	18.138	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.959	200	15079	12.740	ng/u1	0.00
73) Anthracene-d10	17.686	188	172718	18.828	ng/u1	0.00
81) Pyrene-d10	19.966	212	188451	19.077	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.060	264	161344	18.329	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.579	88	6958	6.639	ng/uL	97
5) Pyridine	3.990	79	49064	17.290	ng/u1	99
6) Benzaldehyde	7.339	77	42339m	20.829	ng/u1	
8) Phenol	7.392	94	59815	18.090	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.610	93	44057	17.612	ng/u1	96
12) 2-Chlorophenol	7.762	128	43426	18.541	ng/u1	97
13) 2-Methylphenol	8.650	108	44978	18.262	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.720	45	65527	18.152	ng/u1	99
16) Acetophenone	9.032	105	69302	17.395	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.002	70	39730	17.354	ng/u1	95
18) 4-Methylphenol	8.985	108	47922	18.196	ng/u1	92
19) Hexachloroethane	9.284	117	17880	18.073	ng/u1	98
22) Nitrobenzene	9.419	77	60329	18.831	ng/u1	99
23) Isophorone	9.942	82	109912	17.659	ng/u1	97
25) 2-Nitrophenol	10.136	139	26057	18.253	ng/u1	97
26) 2,4-Dimethylphenol	10.189	107	54045	18.517	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.418	93	61479	17.892	ng/u1	99
29) 2,4-Dichlorophenol	10.683	162	42578	18.497	ng/u1	96
30) Naphthalene	11.082	128	144822	18.389	ng/u1	96
32) 4-Chloroaniline	11.194	127	60753	17.686	ng/u1	99
33) Hexachlorobutadiene	11.341	225	27905	17.575	ng/u1	96
34) Caprolactam	11.952	113	15262m	16.865	ng/u1	
35) 4-Chloro-3-methylphenol	12.310	107	50061	18.104	ng/u1	99
36) 2-Methylnaphthalene	12.674	142	97326	18.169	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.892	142	98898	17.945	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.039	216	56393	19.188	ng/ul	100
40) Hexachlorocyclopentadiene	13.003	237	14975	12.606	ng/ul	98
41) 2,4,6-Trichlorophenol	13.280	196	34729	18.831	ng/ul	94
42) 2,4,5-Trichlorophenol	13.362	196	36525	18.912	ng/ul	97
43) 1,1'-Biphenyl	13.667	154	131718	18.838	ng/ul	97
44) 2-Chloronaphthalene	13.720	162	104419	18.774	ng/ul	99
45) 2-Nitroaniline	13.926	65	36387	18.903	ng/ul	96
47) Dimethylphthalate	14.272	163	127577	17.498	ng/ul	99
48) 2,6-Dinitrotoluene	14.413	165	27924	18.233	ng/ul	93
50) Acenaphthylene	14.560	152	167790	18.698	ng/ul	97
51) 3-Nitroaniline	14.748	138	29645	19.583	ng/ul	92
52) Acenaphthene	14.901	153	107751	18.207	ng/ul	96
53) 2,4-Dinitrophenol	14.972	184	11356m	13.415	ng/ul	
55) 4-Nitrophenol	15.072	109	16619	16.431	ng/ul	94
56) Dibenzofuran	15.230	168	153538	17.986	ng/ul	98
57) 2,4-Dinitrotoluene	15.207	165	38039	17.390	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.465	232	24568	16.199	ng/ul#	96
59) Diethylphthalate	15.624	149	133827	17.487	ng/ul	99
61) Fluorene	15.882	166	120634	17.643	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.859	204	64011	17.371	ng/ul	98
63) 4-Nitroaniline	15.912	138	28898	19.616	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.976	198	14335	12.558	ng/ul	97
67) N-Nitrosodiphenylamine	16.082	169	106687	19.429	ng/ul	99
68) 4-Bromophenyl-phenylether	16.758	248	37906	18.439	ng/ul	94
69) Hexachlorobenzene	16.887	284	39920	19.044	ng/ul	97
70) Atrazine	17.022	200	42691	18.499	ng/ul	98
71) Pentachlorophenol	17.240	266	13473	14.505	ng/ul	92
72) Phenanthrene	17.627	178	196509	18.555	ng/ul	99
74) Anthracene	17.721	178	197701	18.796	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.638	216	58349	20.855	ng/uL	96
76) Pentachlorobenzene	15.154	250	52498	20.138	ng/uL	95
77) Carbazole	17.992	167	175069	18.962	ng/ul	98
78) Di-n-butylphthalate	18.515	149	224874	18.890	ng/ul	99
80) Fluoranthene	19.631	202	229889	18.948	ng/ul	97
82) Pyrene	19.995	202	224917	18.951	ng/ul	95
83) Butylbenzylphthalate	20.853	149	92412	18.729	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.775	252	69228	18.213	ng/ul	97
85) Benzo(a)anthracene	21.869	228	206677	18.665	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.723	149	135284	19.054	ng/ul	99
87) Chrysene	21.940	228	197629	18.579	ng/ul	97
89) Di-n-octyl phthalate	22.992	149	230596	19.311	ng/ul	100
90) Benzo(b)fluoranthene	24.208	252	206479	18.562	ng/ul	99
91) Benzo(k)fluoranthene	24.278	252	187800	17.991	ng/ul	99
93) Benzo(a)pyrene	25.136	252	193867	18.268	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.226	276	212582	17.901	ng/ul	97
95) Dibenzo(a,h)anthracene	29.284	278	182987	18.163	ng/ul	98
96) Benzo(g,h,i)perylene	30.465	276	169527	16.968	ng/ul	96

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

