

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052759.D
 Acq On : 20 Mar 2022 00:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020541

Quant Time: Mar 21 00:39:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 00:55:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	48857	20.000	ng/u1	0.00
20) Naphthalene-d8	10.960	136	187218	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.767	164	132575	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	304156	20.000	ng/u1	0.00
79) Chrysene-d12	21.799	240	313476	20.000	ng/u1	0.00
88) Perylene-d12	25.112	264	329374	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.559	96	10088m	7.293	ng/uL	0.00
4) Pyridine-d5	3.982	84	64092	18.561	ng/u1	0.00
7) Phenol-d5	7.289	99	83585	19.101	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.465	67	51080	19.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.677	132	58079	19.547	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	62140	19.603	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	28286	20.989	ng/u1	0.00
24) 2-Nitrophenol-d4	10.032	143	32647	22.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.573	165	64373	20.817	ng/u1	0.00
31) 4-Chloroaniline-d4	11.078	131	80755	19.759	ng/u1	0.00
46) Dimethylphthalate-d6	14.162	166	202802	19.912	ng/u1	0.00
49) Acenaphthylene-d8	14.462	160	248673	20.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.932	143	36831	21.508	ng/u1	0.00
60) Fluorene-d10	15.754	176	176759	19.765	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.860	200	34380	22.211	ng/u1	0.00
73) Anthracene-d10	17.610	188	287489	20.298	ng/u1	0.00
81) Pyrene-d10	19.890	212	367706	20.968	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.883	264	340881	20.030	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.600	88	10798	6.372	ng/uL#	93
5) Pyridine	3.999	79	72387	19.401	ng/u1	95
6) Benzaldehyde	7.277	77	61798m	21.243	ng/u1	
8) Phenol	7.318	94	82385	19.534	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.559	93	60114	18.894	ng/u1	96
12) 2-Chlorophenol	7.712	128	57461	18.928	ng/u1	93
13) 2-Methylphenol	8.575	108	64073	19.548	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.669	45	100802	19.492	ng/u1	98
16) Acetophenone	8.963	105	97431	19.702	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.951	70	57004	19.773	ng/u1	99
18) 4-Methylphenol	8.904	108	67134	19.659	ng/u1	97
19) Hexachloroethane	9.239	117	25738	19.108	ng/u1	95
22) Nitrobenzene	9.345	77	83124	21.109	ng/u1	91
23) Isophorone	9.874	82	154147	20.480	ng/u1	97
25) 2-Nitrophenol	10.062	139	32794	22.248	ng/u1	97
26) 2,4-Dimethylphenol	10.115	107	74718	20.457	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.355	93	84442	20.174	ng/u1	98
29) 2,4-Dichlorophenol	10.596	162	60757	20.208	ng/u1	98
30) Naphthalene	11.007	128	195968	20.227	ng/u1	99
32) 4-Chloroaniline	11.107	127	80228	19.977	ng/u1	99
33) Hexachlorobutadiene	11.301	225	51479	20.965	ng/u1	97
34) Caprolactam	11.865	113	19503m	21.538	ng/u1	
35) 4-Chloro-3-methylphenol	12.212	107	70651	21.662	ng/u1	89
36) 2-Methylnaphthalene	12.605	142	135052	19.752	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052759.D
 Acq On : 20 Mar 2022 00:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020541

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 21 00:39:29 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 18 00:55:42 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.823	142	137153	19.814	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.975	216	88761	20.256	ng/ul	94
40) Hexachlorocyclopentadiene	12.958	237	61102	20.141	ng/ul	94
41) 2,4,6-Trichlorophenol	13.199	196	56953	21.269	ng/ul	95
42) 2,4,5-Trichlorophenol	13.269	196	60456	20.907	ng/ul	96
43) 1,1'-Biphenyl	13.604	154	183399	19.359	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	148420	19.565	ng/ul	97
45) 2-Nitroaniline	13.833	65	48668	21.886	ng/ul	96
47) Dimethylphthalate	14.209	163	193830	19.942	ng/ul	98
48) 2,6-Dinitrotoluene	14.326	165	38367	21.791	ng/ul#	96
50) Acenaphthylene	14.491	152	234125	19.587	ng/ul	99
51) 3-Nitroaniline	14.655	138	40469	22.771	ng/ul#	94
52) Acenaphthene	14.832	153	153666	19.679	ng/ul	97
53) 2,4-Dinitrophenol	14.855	184	27281	24.941	ng/ul#	72
55) 4-Nitrophenol	14.943	109	38015	21.094	ng/ul	95
56) Dibenzofuran	15.161	168	230795	19.937	ng/ul	98
57) 2,4-Dinitrotoluene	15.108	165	54160	21.680	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.384	232	56050	21.504	ng/ul#	98
59) Diethylphthalate	15.572	149	199584	20.275	ng/ul	100
61) Fluorene	15.813	166	187015	19.490	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.801	204	101735	19.925	ng/ul	97
63) 4-Nitroaniline	15.813	138	41075m	23.503	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.871	198	34376	22.699	ng/ul	97
67) N-Nitrosodiphenylamine	16.012	169	168526	20.493	ng/ul	96
68) 4-Bromophenyl-phenylether	16.694	248	70119	23.283	ng/ul	96
69) Hexachlorobenzene	16.817	284	80954	20.810	ng/ul#	94
70) Atrazine	16.952	200	72047	21.377	ng/ul	98
71) Pentachlorophenol	17.152	266	47527m	20.090	ng/ul	
72) Phenanthrene	17.552	178	321739	20.155	ng/ul	98
74) Anthracene	17.646	178	322819	20.228	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	94287	20.814	ng/ul	98
76) Pentachlorobenzene	15.084	250	91846	21.133	ng/ul	99
77) Carbazole	17.904	167	298360	21.154	ng/ul	99
78) Di-n-butylphthalate	18.462	149	350882	20.920	ng/ul	99
80) Fluoranthene	19.555	202	431059	20.859	ng/ul	99
82) Pyrene	19.919	202	423045	20.596	ng/ul	97
83) Butylbenzylphthalate	20.800	149	156500	21.914	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.681	252	155277	22.100	ng/ul	93
85) Benzo(a)anthracene	21.775	228	413345	20.430	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.681	149	209434	21.173	ng/ul	100
87) Chrysene	21.846	228	394792	20.458	ng/ul	100
89) Di-n-octyl phthalate	22.933	149	353935	20.631	ng/ul	100
90) Benzo(b)fluoranthene	24.060	252	420543	19.773	ng/ul	100
91) Benzo(k)fluoranthene	24.125	252	395689	20.159	ng/ul	98
93) Benzo(a)pyrene	24.953	252	396404	19.741	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.895	276	450184	19.824	ng/ul	95
95) Dibenzo(a,h)anthracene	28.971	278	384911	19.942	ng/ul	98
96) Benzo(g,h,i)perylene	30.076	276	375021	19.536	ng/ul	98

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

