

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
 Data File : BG052250.D
 Acq On : 2 Feb 2022 5:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020514

Quant Time: Feb 02 10:50:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :mohammad ahmed 02/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	37215	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	153358	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.876	164	108065	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.625	188	256560	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.943	240	243664	20.000	ng/u1	# 0.00
88) Perylene-d12	25.420	264	247699	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.562	96	7402	8.024	ng/uL	0.00
4) Pyridine-d5	3.991	84	57396	20.004	ng/u1	0.00
7) Phenol-d5	7.380	99	66476	19.638	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.539	67	41273	20.069	ng/u1	0.00
11) 2-Chlorophenol-d4	7.762	132	48353	20.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.943	113	52832	20.567	ng/u1	0.00
21) Nitrobenzene-d5	9.401	128	25087	20.091	ng/u1	0.00
24) 2-Nitrophenol-d4	10.141	143	28470	20.865	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.687	165	53668	20.176	ng/u1	0.00
31) 4-Chloroaniline-d4	11.198	131	69345	20.552	ng/u1	0.00
46) Dimethylphthalate-d6	14.271	166	173129	20.382	ng/u1	0.00
49) Acenaphthylene-d8	14.576	160	220847	20.859	ng/u1	0.00
54) 4-Nitrophenol-d4	15.058	143	26398	20.520	ng/u1	0.00
60) Fluorene-d10	15.869	176	152716	20.521	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	30005	18.943	ng/u1	0.00
73) Anthracene-d10	17.725	188	246003	20.339	ng/u1	0.00
81) Pyrene-d10	20.004	212	293315	20.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.174	264	271119	20.603	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.603	88	8342	8.113	ng/uL	87
5) Pyridine	4.008	79	59620	19.842	ng/u1	95
6) Benzaldehyde	7.357	77	47986	25.005	ng/u1	95
8) Phenol	7.404	94	68662	20.240	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.633	93	52022	20.293	ng/u1	93
12) 2-Chlorophenol	7.797	128	50572	20.769	ng/u1	96
13) 2-Methylphenol	8.678	108	50697	19.857	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.761	45	74808	20.431	ng/u1#	95
16) Acetophenone	9.060	105	81472	20.452	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.043	70	47966	20.073	ng/u1	98
18) 4-Methylphenol	9.007	108	54291	20.184	ng/u1	91
19) Hexachloroethane	9.336	117	21331	20.341	ng/u1#	76
22) Nitrobenzene	9.448	77	70130	20.136	ng/u1	99
23) Isophorone	9.977	82	130179	20.200	ng/u1#	93
25) 2-Nitrophenol	10.170	139	30179	20.231	ng/u1	95
26) 2,4-Dimethylphenol	10.223	107	62502	20.321	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.452	93	68997	19.963	ng/u1	97
29) 2,4-Dichlorophenol	10.717	162	52986	20.606	ng/u1	99
30) Naphthalene	11.122	128	168965	20.150	ng/u1	98
32) 4-Chloroaniline	11.222	127	70628	20.302	ng/u1	97
33) Hexachlorobutadiene	11.410	225	41632	19.848	ng/u1	96
34) Caprolactam	11.968	113	18265m	21.901	ng/u1	
35) 4-Chloro-3-methylphenol	12.338	107	59395	21.415	ng/u1	91
36) 2-Methylnaphthalene	12.720	142	121078	20.577	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
 Data File : BG052250.D
 Acq On : 2 Feb 2022 5:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020514

Quant Time: Feb 02 10:50:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
 Supervised By :mohammad ahmed 02/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.937	142	124335	20.539	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.084	216	79047	20.322	ng/ul	96
40) Hexachlorocyclopentadiene	13.066	237	40114	18.064	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.319	196	46227	19.904	ng/ul	95
42) 2,4,5-Trichlorophenol	13.395	196	51416	20.554	ng/ul	99
43) 1,1'-Biphenyl	13.713	154	173031	20.424	ng/ul#	92
44) 2-Chloronaphthalene	13.760	162	131542	20.293	ng/ul	98
45) 2-Nitroaniline	13.954	65	45305	20.758	ng/ul	95
47) Dimethylphthalate	14.318	163	169064	20.534	ng/ul	99
48) 2,6-Dinitrotoluene	14.441	165	37966	21.375	ng/ul#	83
50) Acenaphthylene	14.606	152	217346	20.481	ng/ul	97
51) 3-Nitroaniline	14.770	138	35620	23.435	ng/ul	100
52) Acenaphthene	14.946	153	140856	20.247	ng/ul	97
53) 2,4-Dinitrophenol	14.982	184	16375	17.754	ng/ul#	84
55) 4-Nitrophenol	15.076	109	27294	20.241	ng/ul#	80
56) Dibenzofuran	15.275	168	200020	19.857	ng/ul	100
57) 2,4-Dinitrotoluene	15.228	165	53929	21.180	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.498	232	46151	21.076	ng/ul	90
59) Diethylphthalate	15.675	149	174236	20.870	ng/ul	96
61) Fluorene	15.921	166	171054	20.464	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.904	204	93621	20.366	ng/ul	96
63) 4-Nitroaniline	15.933	138	34610	23.466	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.992	198	28762	19.066	ng/ul	98
67) N-Nitrosodiphenylamine	16.121	169	144403	20.530	ng/ul	98
68) 4-Bromophenyl-phenylether	16.803	248	63958	20.651	ng/ul#	86
69) Hexachlorobenzene	16.938	284	70188	20.165	ng/ul#	89
70) Atrazine	17.061	200	62698	20.205	ng/ul	97
71) Pentachlorophenol	17.278	266	31234	18.715	ng/ul	95
72) Phenanthrene	17.672	178	275567	20.388	ng/ul	100
74) Anthracene	17.760	178	272362	20.417	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.689	216	86595	20.217	ng/ul	99
76) Pentachlorobenzene	15.199	250	82436	20.863	ng/ul	98
77) Carbazole	18.024	167	240926	20.721	ng/ul	97
78) Di-n-butylphthalate	18.565	149	285920	20.503	ng/ul	99
80) Fluoranthene	19.669	202	346449	20.146	ng/ul#	91
82) Pyrene	20.034	202	336717	20.000	ng/ul#	88
83) Butylbenzylphthalate	20.903	149	120733	20.500	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.819	252	121227	23.235	ng/ul#	97
85) Benzo(a)anthracene	21.919	228	330891	20.190	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.802	149	171230	20.283	ng/ul#	95
87) Chrysene	21.990	228	314504	20.311	ng/ul	99
89) Di-n-octyl phthalate	23.094	149	287458	20.455	ng/ul	100
90) Benzo(b)fluoranthene	24.304	252	346186	20.155	ng/ul#	96
91) Benzo(k)fluoranthene	24.375	252	322702	20.535	ng/ul#	97
93) Benzo(a)pyrene	25.250	252	329077	20.543	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.415	276	379141	21.247	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.480	278	303342	20.502	ng/ul#	93
96) Benzo(g,h,i)perylene	30.678	276	314147	20.681	ng/ul#	90

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

