

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020322\
 Data File : BG052293.D
 Acq On : 4 Feb 2022 7:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020518

Quant Time: Feb 04 22:49:20 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 02/07/2022
 Supervised By :Yogesh Patel 02/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	38491	20.000	ng/u1	0.00
20) Naphthalene-d8	11.072	136	146492	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.878	164	97978	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.627	188	235520	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.945	240	239243	20.000	ng/u1	# 0.00
88) Perylene-d12	25.423	264	247568	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	9169m	9.610	ng/uL	0.00
4) Pyridine-d5	3.993	84	68948	23.234	ng/u1	0.00
7) Phenol-d5	7.377	99	74394	21.249	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	45037	21.174	ng/u1	0.00
11) 2-Chlorophenol-d4	7.764	132	54145	22.193	ng/u1	0.00
15) 4-Methylphenol-d8	8.939	113	57052	21.473	ng/u1	0.00
21) Nitrobenzene-d5	9.409	128	26688	22.374	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	30323	23.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	57559	22.653	ng/u1	0.00
31) 4-Chloroaniline-d4	11.201	131	77830	24.148	ng/u1	0.00
46) Dimethylphthalate-d6	14.267	166	175595	22.800	ng/u1	0.00
49) Acenaphthylene-d8	14.573	160	228179	23.770	ng/u1	0.00
54) 4-Nitrophenol-d4	15.060	143	27776m	23.814	ng/u1	0.00
60) Fluorene-d10	15.865	176	158398	23.476	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	31280	21.513	ng/u1	0.00
73) Anthracene-d10	17.727	188	259217	23.346	ng/u1	0.00
81) Pyrene-d10	20.006	212	323237	22.543	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.182	264	304372	23.142	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	10012	9.414	ng/uL	97
5) Pyridine	4.011	79	68251	21.961	ng/u1	98
6) Benzaldehyde	7.359	77	35067	17.667	ng/u1	93
8) Phenol	7.406	94	74944	21.359	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.635	93	55495	20.930	ng/u1	99
12) 2-Chlorophenol	7.794	128	54828	21.770	ng/u1	97
13) 2-Methylphenol	8.675	108	54146	20.505	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.757	45	80557	21.271	ng/u1	98
16) Acetophenone	9.063	105	88914	21.580	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.039	70	51239	20.732	ng/u1	95
18) 4-Methylphenol	9.004	108	56951	20.471	ng/u1	99
19) Hexachloroethane	9.339	117	23145	21.339	ng/u1#	67
22) Nitrobenzene	9.450	77	74195	22.301	ng/u1	95
23) Isophorone	9.973	82	137880	22.398	ng/u1	97
25) 2-Nitrophenol	10.173	139	31233	21.919	ng/u1	94
26) 2,4-Dimethylphenol	10.226	107	65427	22.269	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.455	93	74415	22.539	ng/u1	98
29) 2,4-Dichlorophenol	10.713	162	55261	22.498	ng/u1	92
30) Naphthalene	11.124	128	181174	22.619	ng/u1	98
32) 4-Chloroaniline	11.224	127	78841	23.725	ng/u1	98
33) Hexachlorobutadiene	11.412	225	44659	22.289	ng/u1	96
34) Caprolactam	11.964	113	17107m	21.474	ng/u1	
35) 4-Chloro-3-methylphenol	12.335	107	58321	22.013	ng/u1	93
36) 2-Methylnaphthalene	12.716	142	128109	22.792	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.934	142	129078	22.322	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.086	216	81245	23.037	ng/ul	95
40) Hexachlorocyclopentadiene	13.069	237	40472	20.102	ng/ul	95
41) 2,4,6-Trichlorophenol	13.316	196	49144	23.338	ng/ul	97
42) 2,4,5-Trichlorophenol	13.392	196	52684	23.229	ng/ul	97
43) 1,1'-Biphenyl	13.709	154	175933	22.905	ng/ul#	94
44) 2-Chloronaphthalene	13.762	162	136735	23.266	ng/ul	97
45) 2-Nitroaniline	13.950	65	45383	22.934	ng/ul	94
47) Dimethylphthalate	14.314	163	172067	23.051	ng/ul	99
48) 2,6-Dinitrotoluene	14.438	165	37292	23.157	ng/ul	95
50) Acenaphthylene	14.602	152	221292	23.000	ng/ul	97
51) 3-Nitroaniline	14.772	138	24460	17.749	ng/ul	100
52) Acenaphthene	14.943	153	144222	22.865	ng/ul	95
53) 2,4-Dinitrophenol	14.978	184	14828	17.732	ng/ul	97
55) 4-Nitrophenol	15.078	109	27734	22.685	ng/ul	89
56) Dibenzofuran	15.278	168	208096	22.786	ng/ul	99
57) 2,4-Dinitrotoluene	15.225	165	53867	23.334	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.501	232	46751	23.548	ng/ul#	83
59) Diethylphthalate	15.671	149	175311	23.161	ng/ul	97
61) Fluorene	15.924	166	173699	22.920	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.906	204	96699	23.201	ng/ul	96
63) 4-Nitroaniline	15.930	138	18700	13.984	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.994	198	29503	21.305	ng/ul	92
67) N-Nitrosodiphenylamine	16.118	169	148898	23.060	ng/ul	97
68) 4-Bromophenyl-phenylether	16.805	248	65280	22.961	ng/ul#	85
69) Hexachlorobenzene	16.934	284	72493	22.688	ng/ul#	88
70) Atrazine	17.058	200	66576	23.371	ng/ul	98
71) Pentachlorophenol	17.281	266	30113m	19.655	ng/ul	
72) Phenanthrene	17.669	178	281173	22.662	ng/ul	98
74) Anthracene	17.762	178	285808	23.339	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.686	216	86226	21.929	ng/ul	98
76) Pentachlorobenzene	15.201	250	86132	23.745	ng/ul	98
77) Carbazole	18.027	167	253375	23.739	ng/ul	98
78) Di-n-butylphthalate	18.567	149	296366	23.150	ng/ul	99
80) Fluoranthene	19.672	202	372082	22.036	ng/ul#	91
82) Pyrene	20.036	202	362381	21.923	ng/ul#	88
83) Butylbenzylphthalate	20.899	149	130208	22.518	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.822	252	119033	23.236	ng/ul#	98
85) Benzo(a)anthracene	21.922	228	362297	22.515	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.804	149	185297	22.355	ng/ul#	98
87) Chrysene	21.992	228	349601	22.994	ng/ul	98
89) Di-n-octyl phthalate	23.096	149	313835	22.344	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	390238	22.731	ng/ul#	94
91) Benzo(k)fluoranthene	24.377	252	362701	23.092	ng/ul#	96
93) Benzo(a)pyrene	25.252	252	366105	22.866	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.423	276	415818	23.314	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.500	278	350234	23.683	ng/ul#	94
96) Benzo(g,h,i)perylene	30.686	276	345702	22.771	ng/ul#	90

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

