

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052192.D
 Acq On : 27 Jan 2022 19:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020509

Quant Time: Jan 28 00:00:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 26 23:58:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
 Supervised By :Yogesh Patel 01/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	29713	20.000	ng/u1	0.00
20) Naphthalene-d8	11.078	136	125489	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.879	164	92322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.628	188	219531	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.946	240	221108	20.000	ng/u1	# 0.00
88) Perylene-d12	25.423	264	227067	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	7387	8.884	ng/uL	0.00
4) Pyridine-d5	3.994	84	54117	20.936	ng/u1	0.00
7) Phenol-d5	7.377	99	62182	21.382	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	38603	20.911	ng/u1	0.00
11) 2-Chlorophenol-d4	7.765	132	45453	23.607	ng/u1	0.00
15) 4-Methylphenol-d8	8.946	113	48935	21.646	ng/u1	0.00
21) Nitrobenzene-d5	9.410	128	22628	22.820	ng/u1	0.00
24) 2-Nitrophenol-d4	10.144	143	25743	23.474	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	51533	24.041	ng/u1	0.00
31) 4-Chloroaniline-d4	11.201	131	69077	23.140	ng/u1	0.00
46) Dimethylphthalate-d6	14.268	166	163444	21.418	ng/u1	0.00
49) Acenaphthylene-d8	14.573	160	209837	22.764	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	25559	20.033	ng/u1	0.00
60) Fluorene-d10	15.872	176	147920	22.232	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	26781	19.338	ng/u1	0.00
73) Anthracene-d10	17.728	188	239334	22.982	ng/u1	0.00
81) Pyrene-d10	20.007	212	290537	22.832	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.188	264	280138	23.435	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.600	88	7544	7.863	ng/uL	95
5) Pyridine	4.011	79	55682	20.561	ng/u1	94
6) Benzaldehyde	7.360	77	34480	17.824	ng/u1	97
8) Phenol	7.407	94	63334	21.337	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.636	93	46192	21.259	ng/u1	96
12) 2-Chlorophenol	7.800	128	44983	22.965	ng/u1	97
13) 2-Methylphenol	8.675	108	46327	21.463	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.764	45	68151	20.564	ng/u1	99
16) Acetophenone	9.063	105	75207	21.079	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.040	70	45237	20.754	ng/u1	96
18) 4-Methylphenol	9.010	108	50471	21.586	ng/u1	89
19) Hexachloroethane	9.339	117	19591	23.167	ng/u1#	84
22) Nitrobenzene	9.451	77	63256	20.567	ng/u1	98
23) Isophorone	9.980	82	121243	20.851	ng/u1	98
25) 2-Nitrophenol	10.173	139	27099	22.484	ng/u1	96
26) 2,4-Dimethylphenol	10.226	107	59362	22.699	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.455	93	63572	21.234	ng/u1	97
29) 2,4-Dichlorophenol	10.720	162	48648	23.108	ng/u1	95
30) Naphthalene	11.125	128	154555	22.729	ng/u1	96
32) 4-Chloroaniline	11.225	127	70147	23.058	ng/u1	100
33) Hexachlorobutadiene	11.419	225	39325	23.434	ng/u1	97
34) Caprolactam	11.971	113	16558m	20.209	ng/u1	
35) 4-Chloro-3-methylphenol	12.341	107	55337	22.766	ng/u1	93
36) 2-Methylnaphthalene	12.723	142	109874	22.684	ng/u1	100

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37) 1-Methylnaphthalene	12.940	142	114909	23.115	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	13.087	216	72816	22.808	ng/ul	96
40) Hexachlorocyclopentadiene	13.069	237	41409	18.902	ng/ul	94
41) 2,4,6-Trichlorophenol	13.322	196	45305	22.452	ng/ul	96
42) 2,4,5-Trichlorophenol	13.398	196	48052	22.090	ng/ul	98
43) 1,1'-Biphenyl	13.716	154	160174	22.473	ng/ul#	93
44) 2-Chloronaphthalene	13.763	162	123339	22.345	ng/ul	96
45) 2-Nitroaniline	13.956	65	43131	20.389	ng/ul	95
47) Dimethylphthalate	14.321	163	158219	21.027	ng/ul	97
48) 2,6-Dinitrotoluene	14.438	165	34940	22.023	ng/ul	95
50) Acenaphthylene	14.609	152	201541	22.203	ng/ul	95
51) 3-Nitroaniline	14.773	138	24668	17.189	ng/ul#	90
52) Acenaphthene	14.943	153	132162	21.898	ng/ul	99
53) 2,4-Dinitrophenol	14.979	184	16559	17.703	ng/ul	97
55) 4-Nitrophenol	15.079	109	26856	18.343	ng/ul	90
56) Dibenzofuran	15.278	168	190492	21.732	ng/ul	99
57) 2,4-Dinitrotoluene	15.225	165	49442	21.555	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.501	232	43601	21.610	ng/ul#	91
59) Diethylphthalate	15.678	149	159208	20.508	ng/ul	96
61) Fluorene	15.924	166	159543	21.843	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.907	204	87746	21.648	ng/ul	91
63) 4-Nitroaniline	15.930	138	18811	12.758	ng/ul#	93
66) 4,6-Dinitro-2-methylph...	15.995	198	25663	19.382	ng/ul#	98
67) N-Nitrosodiphenylamine	16.124	169	137684	23.340	ng/ul	94
68) 4-Bromophenyl-phenylether	16.806	248	59633	23.203	ng/ul	88
69) Hexachlorobenzene	16.941	284	68659	24.088	ng/ul#	86
70) Atrazine	17.064	200	62785	22.941	ng/ul	96
71) Pentachlorophenol	17.281	266	29321	18.420	ng/ul	93
72) Phenanthrene	17.669	178	260791	22.671	ng/ul	100
74) Anthracene	17.763	178	260746	22.644	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.686	216	78421	23.785	ng/ul	97
76) Pentachlorobenzene	15.202	250	80232	25.003	ng/ul	98
77) Carbazole	18.027	167	231050	22.269	ng/ul	97
78) Di-n-butylphthalate	18.568	149	274734	22.400	ng/ul	99
80) Fluoranthene	19.672	202	334683	22.759	ng/ul#	89
82) Pyrene	20.037	202	326085	22.522	ng/ul#	86
83) Butylbenzylphthalate	20.906	149	118816	23.581	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.822	252	104081	20.392	ng/ul#	98
85) Benzo(a)anthracene	21.928	228	335155	23.049	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.805	149	169769	23.039	ng/ul#	98
87) Chrysene	21.993	228	316351	22.593	ng/ul	98
89) Di-n-octyl phthalate	23.103	149	289785	23.103	ng/ul	100
90) Benzo(b)fluoranthene	24.313	252	344917	22.921	ng/ul#	95
91) Benzo(k)fluoranthene	24.389	252	323649	23.262	ng/ul#	97
93) Benzo(a)pyrene	25.259	252	328074	23.037	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.430	276	382856	23.485	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.500	278	319088	23.141	ng/ul#	93
96) Benzo(g,h,i)perylene	30.693	276	316069	23.059	ng/ul#	89

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

