

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
 Data File : BG052260.D
 Acq On : 2 Feb 2022 16:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020515

Quant Time: Feb 03 04:56:24 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	8.252	152	31295	20.000	ng/u1	0.02
20) Naphthalene-d8	11.089	136	130888	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.890	164	93743	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.633	188	223936	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.945	240	221252	20.000	ng/u1	# 0.00
88) Perylene-d12	25.429	264	226335	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	6249	8.056	ng/uL	0.00
4) Pyridine-d5	3.993	84	50128	20.776	ng/u1	0.00
7) Phenol-d5	7.388	99	56858	19.974	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.553	67	35937	20.780	ng/u1	0.01
11) 2-Chlorophenol-d4	7.776	132	41830	21.088	ng/u1	0.01
15) 4-Methylphenol-d8	8.957	113	44177	20.451	ng/u1	0.02
21) Nitrobenzene-d5	9.421	128	21458	20.134	ng/u1	0.01
24) 2-Nitrophenol-d4	10.155	143	24326	20.889	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.701	165	47127	20.758	ng/u1	0.01
31) 4-Chloroaniline-d4	11.212	131	58783	20.412	ng/u1	0.01
46) Dimethylphthalate-d6	14.273	166	148535	20.158	ng/u1	0.00
49) Acenaphthylene-d8	14.579	160	190238	20.713	ng/u1	0.00
54) 4-Nitrophenol-d4	15.072	143	22517m	20.177	ng/u1	0.01
60) Fluorene-d10	15.871	176	131524	20.374	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	25305	18.304	ng/u1	0.00
73) Anthracene-d10	17.733	188	218100	20.659	ng/u1	0.00
81) Pyrene-d10	20.006	212	260688	19.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.182	264	247868	20.614	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	7718	8.926	ng/uL#	94
5) Pyridine	4.016	79	53308	21.097	ng/u1	97
6) Benzaldehyde	7.371	77	43737	27.102	ng/u1	93
8) Phenol	7.418	94	59653	20.910	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.653	93	45853	21.270	ng/u1	94
12) 2-Chlorophenol	7.811	128	42640	20.824	ng/u1	93
13) 2-Methylphenol	8.686	108	43777	20.390	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.775	45	64595	20.979	ng/u1	99
16) Acetophenone	9.074	105	70544	21.058	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.051	70	41884	20.844	ng/u1	91
18) 4-Methylphenol	9.021	108	46536	20.574	ng/u1	86
19) Hexachloroethane	9.350	117	17952	20.357	ng/u1	85
22) Nitrobenzene	9.462	77	60721	20.427	ng/u1	95
23) Isophorone	9.985	82	113913	20.710	ng/u1	99
25) 2-Nitrophenol	10.184	139	25296	19.869	ng/u1	98
26) 2,4-Dimethylphenol	10.231	107	54079	20.601	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.466	93	61591	20.879	ng/u1	99
29) 2,4-Dichlorophenol	10.731	162	44648	20.344	ng/u1	99
30) Naphthalene	11.136	128	145948	20.393	ng/u1	99
32) 4-Chloroaniline	11.236	127	61372	20.670	ng/u1	95
33) Hexachlorobutadiene	11.424	225	36495	20.386	ng/u1	98
34) Caprolactam	11.982	113	15535	21.825	ng/u1	84
35) 4-Chloro-3-methylphenol	12.346	107	50802	21.461	ng/u1	95
36) 2-Methylnaphthalene	12.728	142	106923	21.291	ng/u1	97

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37) 1-Methylnaphthalene	12.945	142	106774	20.666	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.092	216	67983	20.147	ng/ul	98
40) Hexachlorocyclopentadiene	13.075	237	33266	17.269	ng/ul	99
41) 2,4,6-Trichlorophenol	13.327	196	41740	20.717	ng/ul	100
42) 2,4,5-Trichlorophenol	13.404	196	44338	20.432	ng/ul	97
43) 1,1'-Biphenyl	13.721	154	149746	20.376	ng/ul#	94
44) 2-Chloronaphthalene	13.768	162	112200	19.954	ng/ul	97
45) 2-Nitroaniline	13.962	65	39567	20.899	ng/ul	91
47) Dimethylphthalate	14.320	163	147092	20.595	ng/ul	99
48) 2,6-Dinitrotoluene	14.443	165	31903	20.706	ng/ul	94
50) Acenaphthylene	14.608	152	188469	20.473	ng/ul	97
51) 3-Nitroaniline	14.778	138	29697	22.523	ng/ul	94
52) Acenaphthene	14.949	153	122730	20.337	ng/ul	95
53) 2,4-Dinitrophenol	14.984	184	13373	16.714	ng/ul#	84
55) 4-Nitrophenol	15.084	109	24012	20.528	ng/ul	86
56) Dibenzofuran	15.283	168	178830	20.466	ng/ul	99
57) 2,4-Dinitrotoluene	15.231	165	45006	20.376	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.507	232	39204	20.639	ng/ul#	86
59) Diethylphthalate	15.677	149	149667	20.666	ng/ul	97
61) Fluorene	15.930	166	145026	20.001	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.912	204	80695	20.236	ng/ul	94
63) 4-Nitroaniline	15.935	138	30287m	23.672	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.000	198	24872	18.890	ng/ul	94
67) N-Nitrosodiphenylamine	16.123	169	126322	20.576	ng/ul	98
68) 4-Bromophenyl-phenylether	16.811	248	56337	20.840	ng/ul#	87
69) Hexachlorobenzene	16.940	284	63154	20.787	ng/ul#	89
70) Atrazine	17.063	200	56350	20.805	ng/ul	99
71) Pentachlorophenol	17.287	266	27078	18.589	ng/ul	91
72) Phenanthrene	17.674	178	245448	20.806	ng/ul	99
74) Anthracene	17.768	178	244268	20.979	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.691	216	76637	20.499	ng/ul	99
76) Pentachlorobenzene	15.207	250	72248	20.948	ng/ul	98
77) Carbazole	18.033	167	213451	21.033	ng/ul	97
78) Di-n-butylphthalate	18.573	149	249525	20.499	ng/ul	99
80) Fluoranthene	19.677	202	307810	19.712	ng/ul#	90
82) Pyrene	20.036	202	305515	19.985	ng/ul#	89
83) Butylbenzylphthalate	20.905	149	108779	20.342	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.828	252	110333	23.289	ng/ul#	98
85) Benzo(a)anthracene	21.927	228	305571	20.534	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.804	149	150079	19.579	ng/ul#	97
87) Chrysene	21.998	228	285987	20.340	ng/ul	98
89) Di-n-octyl phthalate	23.102	149	260212	20.264	ng/ul	100
90) Benzo(b)fluoranthene	24.312	252	320770	20.438	ng/ul#	95
91) Benzo(k)fluoranthene	24.383	252	293724	20.455	ng/ul#	97
93) Benzo(a)pyrene	25.264	252	301768	20.616	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.435	276	349406	21.429	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.505	278	293952	21.742	ng/ul#	94
96) Benzo(g,h,i)perylene	30.686	276	292097	21.045	ng/ul#	89

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

