

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052995.D
 Acq On : 1 Apr 2022 1:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020558

Quant Time: Apr 01 14:12:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 00:50:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	26769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.948	136	103289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.755	164	79407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	194940	20.000	ng/u1	0.00
79) Chrysene-d12	21.780	240	206829	20.000	ng/u1	# 0.00
88) Perylene-d12	25.088	264	209476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	5236	6.909	ng/uL	0.00
4) Pyridine-d5	3.969	84	33110	17.500	ng/u1	0.00
7) Phenol-d5	7.282	99	43795	18.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	27846	19.016	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	29272	17.981	ng/u1	0.00
15) 4-Methylphenol-d8	8.827	113	32589	18.764	ng/u1	0.00
21) Nitrobenzene-d5	9.291	128	15148	20.373	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	17593	22.434	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	34904	20.459	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	43845	19.445	ng/u1	0.00
46) Dimethylphthalate-d6	14.149	166	120247	19.711	ng/u1	0.00
49) Acenaphthylene-d8	14.449	160	136138	18.365	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	19680	19.187	ng/u1	0.00
60) Fluorene-d10	15.741	176	104198	19.453	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	19845	20.004	ng/u1	0.00
73) Anthracene-d10	17.592	188	174873	19.264	ng/u1	0.00
81) Pyrene-d10	19.877	212	219120	18.938	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.853	264	203922	18.840	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	5940	6.397	ng/uL#	93
5) Pyridine	3.987	79	36251	17.733	ng/u1#	87
6) Benzaldehyde	7.265	77	33164m	20.807	ng/u1	
8) Phenol	7.306	94	43798	18.954	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.547	93	32649	18.729	ng/u1	96
12) 2-Chlorophenol	7.699	128	30234	18.177	ng/u1	92
13) 2-Methylphenol	8.569	108	33412	18.604	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.663	45	54124	19.102	ng/u1	96
16) Acetophenone	8.951	105	52469	19.365	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.933	70	32099	20.322	ng/u1#	96
18) 4-Methylphenol	8.892	108	34231	18.295	ng/u1	97
19) Hexachloroethane	9.233	117	13739	18.617	ng/u1	95
22) Nitrobenzene	9.338	77	45312	20.857	ng/u1	96
23) Isophorone	9.855	82	83015	19.991	ng/u1	97
25) 2-Nitrophenol	10.055	139	19060	23.438	ng/u1	94
26) 2,4-Dimethylphenol	10.102	107	41387	20.539	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.337	93	43734	18.939	ng/u1	97
29) 2,4-Dichlorophenol	10.584	162	32631	19.672	ng/u1	93
30) Naphthalene	11.001	128	104721	19.592	ng/u1	99
32) 4-Chloroaniline	11.095	127	44154	19.928	ng/u1	92
33) Hexachlorobutadiene	11.289	225	28034	20.694	ng/u1	97
34) Caprolactam	11.829	113	10661m	21.340	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	37421	20.797	ng/u1	87
36) 2-Methylnaphthalene	12.593	142	74588	19.773	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	73823	19.331	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	50375	19.193	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	33135	18.236	ng/ul	99
41) 2,4,6-Trichlorophenol	13.192	196	30293	18.888	ng/ul	98
42) 2,4,5-Trichlorophenol	13.262	196	33229	19.185	ng/ul	94
43) 1,1'-Biphenyl	13.591	154	102749	18.108	ng/ul	96
44) 2-Chloronaphthalene	13.633	162	84919	18.689	ng/ul	96
45) 2-Nitroaniline	13.826	65	29617	22.237	ng/ul	90
47) Dimethylphthalate	14.196	163	113386	19.477	ng/ul	99
48) 2,6-Dinitrotoluene	14.320	165	22711	21.536	ng/ul#	86
50) Acenaphthylene	14.478	152	134429	18.777	ng/ul	98
51) 3-Nitroaniline	14.643	138	22581	21.213	ng/ul	99
52) Acenaphthene	14.819	153	87076	18.618	ng/ul	97
53) 2,4-Dinitrophenol	14.843	184	12436	18.982	ng/ul#	70
55) 4-Nitrophenol	14.943	109	23508	21.778	ng/ul	89
56) Dibenzofuran	15.148	168	131860	19.017	ng/ul	99
57) 2,4-Dinitrotoluene	15.101	165	33980	22.709	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.371	232	32548	20.848	ng/ul#	96
59) Diethylphthalate	15.559	149	117739	19.969	ng/ul	94
61) Fluorene	15.800	166	113162	19.689	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.788	204	60131	19.662	ng/ul	99
63) 4-Nitroaniline	15.806	138	24749m	23.643	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.859	198	20015	20.620	ng/ul#	94
67) N-Nitrosodiphenylamine	15.994	169	99231	18.827	ng/ul	95
68) 4-Bromophenyl-phenylether	16.681	248	43397	22.483	ng/ul	97
69) Hexachlorobenzene	16.811	284	49356	19.795	ng/ul	96
70) Atrazine	16.940	200	43016	19.914	ng/ul	99
71) Pentachlorophenol	17.145	266	27503m	18.139	ng/ul	
72) Phenanthrene	17.539	178	197188	19.273	ng/ul	99
74) Anthracene	17.627	178	199667	19.520	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.562	216	51795	17.840	ng/ul	98
76) Pentachlorobenzene	15.072	250	53451	19.189	ng/ul	98
77) Carbazole	17.891	167	174143	19.264	ng/ul	94
78) Di-n-butylphthalate	18.450	149	203653	18.945	ng/ul	100
80) Fluoranthene	19.542	202	258906	18.988	ng/ul	98
82) Pyrene	19.906	202	257576	19.006	ng/ul#	95
83) Butylbenzylphthalate	20.782	149	90166	19.136	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.669	252	89561	19.320	ng/ul	98
85) Benzo(a)anthracene	21.757	228	247234	18.521	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.657	149	125344	19.206	ng/ul	97
87) Chrysene	21.827	228	238209	18.709	ng/ul	97
89) Di-n-octyl phthalate	22.896	149	206423	18.919	ng/ul	100
90) Benzo(b)fluoranthene	24.030	252	259450m	19.181	ng/ul	
91) Benzo(k)fluoranthene	24.101	252	238835	19.132	ng/ul#	97
93) Benzo(a)pyrene	24.929	252	239334	18.741	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.859	276	273139	18.912	ng/ul	98
95) Dibenzo(a,h)anthracene	28.924	278	235678	19.199	ng/ul#	97
96) Benzo(g,h,i)perylene	30.046	276	228051	18.679	ng/ul	97

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

