

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052998.D
 Acq On : 1 Apr 2022 11:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020559

Quant Time: Apr 02 00:37:28 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	8.136	152	32355	20.000	ng/u1	0.00
20) Naphthalene-d8	10.944	136	133231	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	104506	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.494	188	256680	20.000	ng/u1	0.00
79) Chrysene-d12	21.783	240	272928	20.000	ng/u1	# 0.00
88) Perylene-d12	25.090	264	285100	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.548	96	6407	6.995	ng/uL	0.00
4) Pyridine-d5	3.965	84	41343	18.079	ng/u1	0.00
7) Phenol-d5	7.279	99	55688	19.217	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.449	67	35973	20.325	ng/u1	0.00
11) 2-Chlorophenol-d4	7.660	132	39627	20.139	ng/u1	0.00
15) 4-Methylphenol-d8	8.829	113	42110	20.060	ng/u1	0.00
21) Nitrobenzene-d5	9.294	128	19957	20.809	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	22922	22.660	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	46279	21.030	ng/u1	0.00
31) 4-Chloroaniline-d4	11.073	131	58868	20.240	ng/u1	0.00
46) Dimethylphthalate-d6	14.152	166	157883	19.665	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	185895	19.055	ng/u1	0.00
54) 4-Nitrophenol-d4	14.927	143	29096	21.555	ng/u1	0.00
60) Fluorene-d10	15.744	176	139575	19.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.849	200	28250	21.627	ng/u1	0.00
73) Anthracene-d10	17.594	188	235596m	19.711	ng/u1	0.00
81) Pyrene-d10	19.879	212	296129	19.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.861	264	293923	19.952	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.590	88	7578	6.752	ng/uL	88
5) Pyridine	3.983	79	46668m	18.887	ng/u1	
6) Benzaldehyde	7.267	77	43313m	22.483	ng/u1	
8) Phenol	7.308	94	55576	19.899	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.543	93	40846	19.386	ng/u1	98
12) 2-Chlorophenol	7.696	128	39696	19.745	ng/u1#	89
13) 2-Methylphenol	8.565	108	43489	20.035	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.659	45	70157	20.485	ng/u1#	96
16) Acetophenone	8.953	105	67399	20.581	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.935	70	38870	20.360	ng/u1	99
18) 4-Methylphenol	8.894	108	46001	20.341	ng/u1	85
19) Hexachloroethane	9.223	117	17939	20.111	ng/u1	90
22) Nitrobenzene	9.335	77	59309	21.164	ng/u1#	91
23) Isophorone	9.857	82	110524	20.634	ng/u1	98
25) 2-Nitrophenol	10.051	139	22518	21.467	ng/u1#	82
26) 2,4-Dimethylphenol	10.104	107	53828	20.709	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.339	93	58509	19.643	ng/u1	99
29) 2,4-Dichlorophenol	10.586	162	44543	20.818	ng/u1	100
30) Naphthalene	10.997	128	133452	19.356	ng/u1	97
32) 4-Chloroaniline	11.091	127	57453	20.103	ng/u1	94
33) Hexachlorobutadiene	11.291	225	35834	20.507	ng/u1	94
34) Caprolactam	11.843	113	15410m	23.914	ng/u1	
35) 4-Chloro-3-methylphenol	12.207	107	50994	21.971	ng/u1	93
36) 2-Methylnaphthalene	12.595	142	99543	20.458	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.812	142	99280	20.154	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.959	216	66214	19.169	ng/ul	97
40) Hexachlorocyclopentadiene	12.942	237	44541	18.626	ng/ul	99
41) 2,4,6-Trichlorophenol	13.188	196	41115	19.479	ng/ul	91
42) 2,4,5-Trichlorophenol	13.259	196	44963	19.725	ng/ul	93
43) 1,1'-Biphenyl	13.588	154	139555	18.687	ng/ul	98
44) 2-Chloronaphthalene	13.635	162	109482	18.308	ng/ul	98
45) 2-Nitroaniline	13.823	65	40428	23.064	ng/ul	93
47) Dimethylphthalate	14.199	163	147100	19.199	ng/ul	98
48) 2,6-Dinitrotoluene	14.316	165	30439	21.931	ng/ul#	93
50) Acenaphthylene	14.481	152	182091	19.326	ng/ul	97
51) 3-Nitroaniline	14.645	138	32286	23.046	ng/ul	99
52) Acenaphthene	14.816	153	119560	19.424	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	17449	20.237	ng/ul#	65
55) 4-Nitrophenol	14.939	109	34078	23.988	ng/ul	87
56) Dibenzofuran	15.150	168	179699	19.692	ng/ul	99
57) 2,4-Dinitrotoluene	15.097	165	44018	22.353	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.374	232	44758	21.784	ng/ul#	99
59) Diethylphthalate	15.556	149	158483	20.424	ng/ul	99
61) Fluorene	15.797	166	147566	19.509	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.785	204	81867	20.340	ng/ul	98
63) 4-Nitroaniline	15.802	138	33601m	24.390	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.867	198	28182	22.051	ng/ul	93
67) N-Nitrosodiphenylamine	15.996	169	130778	18.844	ng/ul	98
68) 4-Bromophenyl-phenylether	16.684	248	58087	22.855	ng/ul	92
69) Hexachlorobenzene	16.807	284	66135	20.145	ng/ul#	93
70) Atrazine	16.942	200	59116	20.785	ng/ul	96
71) Pentachlorophenol	17.148	266	40125m	20.099	ng/ul	
72) Phenanthrene	17.541	178	263123	19.532	ng/ul	99
74) Anthracene	17.629	178	266662	19.799	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.558	216	70989	18.569	ng/ul	99
76) Pentachlorobenzene	15.074	250	71845	19.588	ng/ul	98
77) Carbazole	17.894	167	240956	20.244	ng/ul	99
78) Di-n-butylphthalate	18.446	149	280450	19.814	ng/ul#	98
80) Fluoranthene	19.544	202	352456	19.589	ng/ul	99
82) Pyrene	19.909	202	343750	19.222	ng/ul#	95
83) Butylbenzylphthalate	20.784	149	121839	19.595	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.671	252	127553	20.852	ng/ul	96
85) Benzo(a)anthracene	21.765	228	342089	19.420	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.659	149	173631	20.161	ng/ul	96
87) Chrysene	21.830	228	322613	19.201	ng/ul	98
89) Di-n-octyl phthalate	22.899	149	293608	19.772	ng/ul	100
90) Benzo(b)fluoranthene	24.038	252	357468	19.418	ng/ul	96
91) Benzo(k)fluoranthene	24.109	252	340316	20.030	ng/ul#	96
93) Benzo(a)pyrene	24.931	252	336436	19.357	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.861	276	394207	20.055	ng/ul	98
95) Dibenzo(a,h)anthracene	28.932	278	325872	19.505	ng/ul	100
96) Benzo(g,h,i)perylene	30.042	276	321375	19.341	ng/ul	98

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

