

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011722\
 Data File : BG052033.D
 Acq On : 17 Jan 2022 20:39
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020491

Quant Time: Jan 18 01:21:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	26376	20.000	ng/u1	0.00
20) Naphthalene-d8	11.089	136	111408	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.890	164	85263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.645	188	213424m	20.000	ng/u1	0.00
79) Chrysene-d12	21.969	240	194597	20.000	ng/u1	# 0.01
88) Perylene-d12	25.464	264	200834	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	4643	6.290	ng/uL	0.00
4) Pyridine-d5	3.999	84	68536	29.868	ng/u1	0.00
7) Phenol-d5	7.383	99	46973	18.196	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	27470	16.763	ng/u1	0.00
11) 2-Chlorophenol-d4	7.776	132	31893	18.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	37061	18.468	ng/u1	0.00
21) Nitrobenzene-d5	9.421	128	16593	18.849	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	20325	20.876	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.702	165	39764	20.895	ng/u1	0.00
31) 4-Chloroaniline-d4	11.213	131	50187	18.937	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	128836	18.281	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	162657	19.107	ng/u1	0.00
54) 4-Nitrophenol-d4	15.072	143	21619	18.348	ng/u1	0.00
60) Fluorene-d10	15.883	176	115039	18.722	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	23186	17.221	ng/u1	0.00
73) Anthracene-d10	17.739	188	195381	19.298	ng/u1	0.00
81) Pyrene-d10	20.019	212	232428	20.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.223	264	203833	19.279	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.611	88	5518	6.479	ng/uL#	89
5) Pyridine	4.017	79	70946	29.512	ng/u1	95
6) Benzaldehyde	7.365	77	32302m	18.810	ng/u1	
8) Phenol	7.412	94	46608	17.689	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.647	93	34696	17.989	ng/u1	98
12) 2-Chlorophenol	7.806	128	33738	19.404	ng/u1	99
13) 2-Methylphenol	8.687	108	36135	18.859	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.769	45	51417	17.477	ng/u1	98
16) Acetophenone	9.075	105	57650	18.202	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.051	70	34731	17.950	ng/u1	96
18) 4-Methylphenol	9.010	108	37379	18.009	ng/u1	94
19) Hexachloroethane	9.351	117	13617	18.140	ng/u1#	74
22) Nitrobenzene	9.462	77	48407	17.728	ng/u1	96
23) Isophorone	9.985	82	94656	18.336	ng/u1	98
25) 2-Nitrophenol	10.185	139	20551	19.206	ng/u1	96
26) 2,4-Dimethylphenol	10.232	107	44683	19.246	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.467	93	49446	18.604	ng/u1	97
29) 2,4-Dichlorophenol	10.725	162	36204	19.371	ng/u1	95
30) Naphthalene	11.136	128	116134	19.237	ng/u1	96
32) 4-Chloroaniline	11.236	127	50644	18.751	ng/u1	97
33) Hexachlorobutadiene	11.424	225	27521	18.473	ng/u1	95
34) Caprolactam	11.982	113	14182	19.497	ng/u1	78
35) 4-Chloro-3-methylphenol	12.347	107	43922	20.354	ng/u1	95
36) 2-Methylnaphthalene	12.734	142	86393	20.090	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.952	142	86975	19.708	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.098	216	55453	18.807	ng/ul	97
40) Hexachlorocyclopentadiene	13.081	237	33997	16.804	ng/ul	97
41) 2,4,6-Trichlorophenol	13.328	196	35199	18.888	ng/ul	90
42) 2,4,5-Trichlorophenol	13.404	196	39890	19.856	ng/ul	97
43) 1,1'-Biphenyl	13.727	154	123333	18.737	ng/ul#	95
44) 2-Chloronaphthalene	13.774	162	94664	18.570	ng/ul	97
45) 2-Nitroaniline	13.962	65	34842	17.834	ng/ul	96
47) Dimethylphthalate	14.326	163	123643	17.792	ng/ul	98
48) 2,6-Dinitrotoluene	14.450	165	28303	19.317	ng/ul#	86
50) Acenaphthylene	14.614	152	159625	19.041	ng/ul	99
51) 3-Nitroaniline	14.779	138	27055	20.413	ng/ul	93
52) Acenaphthene	14.955	153	103838	18.630	ng/ul	95
53) 2,4-Dinitrophenol	14.984	184	17562	20.330	ng/ul	88
55) 4-Nitrophenol	15.084	109	22669	16.765	ng/ul	81
56) Dibenzofuran	15.290	168	148909	18.395	ng/ul	99
57) 2,4-Dinitrotoluene	15.237	165	38576	18.210	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.513	232	35577	19.093	ng/ul#	85
59) Diethylphthalate	15.689	149	126881	17.697	ng/ul	98
61) Fluorene	15.936	166	124540	18.462	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	70200	18.753	ng/ul	93
63) 4-Nitroaniline	15.942	138	26754	19.647	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.006	198	21981	17.077	ng/ul#	91
67) N-Nitrosodiphenylamine	16.130	169	112160	19.558	ng/ul	95
68) 4-Bromophenyl-phenylether	16.817	248	47847m	19.150	ng/ul	
69) Hexachlorobenzene	16.952	284	53580	19.336	ng/ul#	83
70) Atrazine	17.075	200	52037	19.558	ng/ul	97
71) Pentachlorophenol	17.293	266	30854	19.938	ng/ul	94
72) Phenanthrene	17.686	178	212057m	18.962	ng/ul	
74) Anthracene	17.775	178	211870	18.926	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.698	216	60095	18.748	ng/ul	98
76) Pentachlorobenzene	15.213	250	63198	20.258	ng/ul	99
77) Carbazole	18.039	167	191261	18.961	ng/ul	97
78) Di-n-butylphthalate	18.585	149	224040	18.790	ng/ul	99
80) Fluoranthene	19.690	202	267231	20.648	ng/ul#	90
82) Pyrene	20.048	202	259257	20.346	ng/ul#	90
83) Butylbenzylphthalate	20.923	149	90137	20.326	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.845	252	95736	21.312	ng/ul#	97
85) Benzo(a)anthracene	21.945	228	248913	19.450	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.828	149	130124	20.064	ng/ul#	99
87) Chrysene	22.016	228	237568	19.278	ng/ul	98
89) Di-n-octyl phthalate	23.132	149	217406	19.597	ng/ul	100
90) Benzo(b)fluoranthene	24.342	252	256059	19.239	ng/ul#	95
91) Benzo(k)fluoranthene	24.418	252	244669	19.882	ng/ul#	95
93) Benzo(a)pyrene	25.294	252	241059	19.138	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.500	276	279240m	19.366	ng/ul	
95) Dibenzo(a,h)anthracene	29.559	278	239405	19.630	ng/ul#	93
96) Benzo(g,h,i)perylene	30.757	276	235685m	19.440	ng/ul	

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

