

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052981.D
 Acq On : 31 Mar 2022 15:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020557

Quant Time: Apr 01 01:03:48 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 04/01/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	31803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.948	136	130861	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.755	164	101443	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	243980m	20.000	ng/u1	0.00
79) Chrysene-d12	21.781	240	261280	20.000	ng/u1	# 0.00
88) Perylene-d12	25.088	264	283015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	6115m	6.792	ng/uL	0.00
4) Pyridine-d5	3.970	84	36759	16.354	ng/u1	0.00
7) Phenol-d5	7.277	99	55693	19.552	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	35347	20.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.665	132	37862	19.576	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	41162	19.949	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	20199	21.443	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	24189	24.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.561	165	45854	21.214	ng/u1	0.00
31) 4-Chloroaniline-d4	11.072	131	59053	20.671	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	160599	20.607	ng/u1	0.00
49) Acenaphthylene-d8	14.450	160	189326	19.992	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	27859	21.262	ng/u1	0.00
60) Fluorene-d10	15.742	176	138211	20.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.848	200	27738m	22.340	ng/u1	0.00
73) Anthracene-d10	17.592	188	228288	20.094	ng/u1	0.00
81) Pyrene-d10	19.877	212	285766	19.551	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.859	264	283358	19.377	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.588	88	6357	5.763	ng/uL#	94
5) Pyridine	3.987	79	43708	17.996	ng/u1	92
6) Benzaldehyde	7.265	77	42268m	22.321	ng/u1	
8) Phenol	7.306	94	56069	20.424	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.541	93	41586	20.080	ng/u1	98
12) 2-Chlorophenol	7.694	128	38764	19.616	ng/u1	90
13) 2-Methylphenol	8.563	108	41969	19.670	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.657	45	68270	20.280	ng/u1	97
16) Acetophenone	8.951	105	69975	21.738	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.933	70	39941	21.284	ng/u1	93
18) 4-Methylphenol	8.892	108	46204	20.785	ng/u1	93
19) Hexachloroethane	9.227	117	16631	18.968	ng/u1#	80
22) Nitrobenzene	9.333	77	58800	21.363	ng/u1	98
23) Isophorone	9.856	82	110002	20.909	ng/u1#	97
25) 2-Nitrophenol	10.050	139	23668	22.972	ng/u1#	88
26) 2,4-Dimethylphenol	10.102	107	52937	20.735	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.337	93	58224	19.901	ng/u1	99
29) 2,4-Dichlorophenol	10.584	162	43351	20.628	ng/u1	93
30) Naphthalene	10.995	128	132856	19.618	ng/u1	98
32) 4-Chloroaniline	11.095	127	56330	20.067	ng/u1	99
33) Hexachlorobutadiene	11.289	225	34517	20.111	ng/u1	97
34) Caprolactam	11.841	113	13615m	21.511	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	49902	21.890	ng/u1	91
36) 2-Methylnaphthalene	12.593	142	99900	20.903	ng/u1	96

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37) 1-Methylnaphthalene	12.811	142	100311	20.733	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.957	216	64415	19.211	ng/ul	98
40) Hexachlorocyclopentadiene	12.940	237	42225	18.190	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.192	196	42490	20.738	ng/ul	90
42) 2,4,5-Trichlorophenol	13.263	196	46040	20.808	ng/ul	97
43) 1,1'-Biphenyl	13.592	154	138606	19.121	ng/ul	99
44) 2-Chloronaphthalene	13.633	162	111346	19.182	ng/ul	94
45) 2-Nitroaniline	13.821	65	39239	23.061	ng/ul	94
47) Dimethylphthalate	14.197	163	149347	20.081	ng/ul	99
48) 2,6-Dinitrotoluene	14.314	165	29394	21.818	ng/ul	88
50) Acenaphthylene	14.479	152	181975	19.897	ng/ul	97
51) 3-Nitroaniline	14.643	138	31780	23.370	ng/ul#	89
52) Acenaphthene	14.820	153	116495	19.497	ng/ul	99
53) 2,4-Dinitrophenol	14.849	184	17436	20.833	ng/ul#	65
55) 4-Nitrophenol	14.937	109	32223	23.367	ng/ul	89
56) Dibenzofuran	15.149	168	175206	19.779	ng/ul	98
57) 2,4-Dinitrotoluene	15.102	165	43395	22.702	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.378	232	43700	21.911	ng/ul#	94
59) Diethylphthalate	15.560	149	156735	20.809	ng/ul	99
61) Fluorene	15.795	166	146350	19.932	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.789	204	79290	20.294	ng/ul	97
63) 4-Nitroaniline	15.801	138	32840m	24.557	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.865	198	27864	22.937	ng/ul	98
67) N-Nitrosodiphenylamine	15.994	169	131749	19.972	ng/ul	96
68) 4-Bromophenyl-phenylether	16.682	248	58592	24.254	ng/ul	90
69) Hexachlorobenzene	16.805	284	63344	20.299	ng/ul#	90
70) Atrazine	16.940	200	59098	21.860	ng/ul	95
71) Pentachlorophenol	17.146	266	37852	19.947	ng/ul	98
72) Phenanthrene	17.539	178	256746m	20.051	ng/ul	
74) Anthracene	17.628	178	256370	20.026	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	70502	19.402	ng/ul	99
76) Pentachlorobenzene	15.072	250	70432	20.203	ng/ul	95
77) Carbazole	17.892	167	232830	20.579	ng/ul	97
78) Di-n-butylphthalate	18.444	149	274577	20.409	ng/ul	99
80) Fluoranthene	19.543	202	343196	19.925	ng/ul	98
82) Pyrene	19.907	202	337708	19.726	ng/ul#	94
83) Butylbenzylphthalate	20.782	149	122833	20.636	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.669	252	121850	20.807	ng/ul	99
85) Benzo(a)anthracene	21.757	228	332620	19.724	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.657	149	174317	21.144	ng/ul	96
87) Chrysene	21.828	228	312874	19.452	ng/ul	99
89) Di-n-octyl phthalate	22.897	149	289909	19.667	ng/ul	100
90) Benzo(b)fluoranthene	24.037	252	343733	18.809	ng/ul	98
91) Benzo(k)fluoranthene	24.101	252	326726	19.372	ng/ul#	97
93) Benzo(a)pyrene	24.929	252	330069	19.130	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.865	276	382630	19.609	ng/ul	96
95) Dibenzo(a,h)anthracene	28.924	278	322247	19.430	ng/ul	98
96) Benzo(g,h,i)perylene	30.040	276	319868	19.392	ng/ul	95

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

