

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
 Data File : BG052136.D
 Acq On : 24 Jan 2022 21:53
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020503

Quant Time: Jan 25 00:02:24 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 01/25/2022
 Supervised By :mohammad ahmed 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	32553	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.086	136	140980	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.886	164	102203	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.641	188	241435	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.959	240	221900	20.000	ng/u1	# 0.00
88) Perylene-d12	25.449	264	229487	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.566	96	6921	7.597	ng/uL	-0.01
4) Pyridine-d5	3.995	84	54603	19.281	ng/u1	-0.01
7) Phenol-d5	7.385	99	67220	21.098	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	39773	19.665	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.772	132	47300	22.423	ng/u1	0.00
15) 4-Methylphenol-d8	8.953	113	52993	21.396	ng/u1	0.00
21) Nitrobenzene-d5	9.417	128	25108	22.539	ng/u1	0.00
24) 2-Nitrophenol-d4	10.152	143	27727	22.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	56383	23.413	ng/u1	0.00
31) 4-Chloroaniline-d4	11.209	131	69737	20.794	ng/u1	0.00
46) Dimethylphthalate-d6	14.275	166	169320	20.043	ng/u1	0.00
49) Acenaphthylene-d8	14.587	160	218521	21.414	ng/u1	0.00
54) 4-Nitrophenol-d4	15.074	143	25324	17.930	ng/u1	0.00
60) Fluorene-d10	15.879	176	150713	20.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	27159	17.832	ng/u1	0.00
73) Anthracene-d10	17.735	188	242145	21.142	ng/u1	0.00
81) Pyrene-d10	20.015	212	282385	22.112	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.208	264	259860	21.509	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.607	88	7339	6.982	ng/uL#	92
5) Pyridine	4.019	79	56544	19.058	ng/u1	95
6) Benzaldehyde	7.361	77	46539	21.959	ng/u1	95
8) Phenol	7.414	94	67598	20.787	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.643	93	48286	20.284	ng/u1	99
12) 2-Chlorophenol	7.802	128	48625	22.659	ng/u1	97
13) 2-Methylphenol	8.683	108	52566	22.229	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.771	45	68953	18.991	ng/u1#	93
16) Acetophenone	9.071	105	80085	20.488	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.047	70	48145	20.161	ng/u1	98
18) 4-Methylphenol	9.012	108	55251	21.569	ng/u1	95
19) Hexachloroethane	9.341	117	18845	20.341	ng/u1	94
22) Nitrobenzene	9.458	77	68831	19.921	ng/u1	97
23) Isophorone	9.987	82	127475	19.514	ng/u1	98
25) 2-Nitrophenol	10.181	139	30145	22.263	ng/u1	98
26) 2,4-Dimethylphenol	10.234	107	62956	21.428	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.463	93	66119	19.658	ng/u1	97
29) 2,4-Dichlorophenol	10.727	162	52758	22.307	ng/u1	95
30) Naphthalene	11.133	128	164995	21.598	ng/u1	98
32) 4-Chloroaniline	11.232	127	69802	20.423	ng/u1	97
33) Hexachlorobutadiene	11.420	225	40079	21.259	ng/u1	96
34) Caprolactam	11.984	113	17610m	19.131	ng/u1	
35) 4-Chloro-3-methylphenol	12.349	107	62128	22.751	ng/u1	99
36) 2-Methylnaphthalene	12.730	142	119505	21.961	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	123015	22.027	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.095	216	79949	22.621	ng/ul	97
40) Hexachlorocyclopentadiene	13.077	237	44249	18.246	ng/ul	98
41) 2,4,6-Trichlorophenol	13.324	196	49711	22.254	ng/ul	97
42) 2,4,5-Trichlorophenol	13.406	196	53979	22.416	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	171104	21.686	ng/ul#	91
44) 2-Chloronaphthalene	13.770	162	133370	21.826	ng/ul	98
45) 2-Nitroaniline	13.964	65	48211	20.587	ng/ul	95
47) Dimethylphthalate	14.328	163	163643	19.645	ng/ul	98
48) 2,6-Dinitrotoluene	14.452	165	36702	20.897	ng/ul	89
50) Acenaphthylene	14.616	152	215210	21.417	ng/ul	95
51) 3-Nitroaniline	14.781	138	36573	23.020	ng/ul	96
52) Acenaphthene	14.951	153	141882	21.236	ng/ul	97
53) 2,4-Dinitrophenol	14.986	184	18805	18.161	ng/ul	91
55) 4-Nitrophenol	15.086	109	28331	17.480	ng/ul	82
56) Dibenzofuran	15.286	168	204562	21.081	ng/ul	96
57) 2,4-Dinitrotoluene	15.239	165	52927	20.844	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.509	232	46190	20.680	ng/ul#	89
59) Diethylphthalate	15.685	149	168887	19.652	ng/ul	98
61) Fluorene	15.932	166	168499	20.839	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.920	204	93005	20.727	ng/ul	90
63) 4-Nitroaniline	15.944	138	34535	21.157	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.002	198	26086	17.914	ng/ul#	95
67) N-Nitrosodiphenylamine	16.132	169	147123	22.678	ng/ul	97
68) 4-Bromophenyl-phenylether	16.813	248	63506	22.469	ng/ul	87
69) Hexachlorobenzene	16.948	284	71338	22.757	ng/ul#	87
70) Atrazine	17.072	200	62629	20.808	ng/ul	97
71) Pentachlorophenol	17.289	266	38163	21.800	ng/ul	93
72) Phenanthrene	17.683	178	269610	21.312	ng/ul	99
74) Anthracene	17.771	178	265875	20.995	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.694	216	87968	24.260	ng/uL	97
76) Pentachlorobenzene	15.209	250	82421	23.355	ng/uL	99
77) Carbazole	18.035	167	234200	20.524	ng/ul	97
78) Di-n-butylphthalate	18.581	149	277715	20.589	ng/ul	100
80) Fluoranthene	19.686	202	335629	22.742	ng/ul#	89
82) Pyrene	20.044	202	326224	22.451	ng/ul#	89
83) Butylbenzylphthalate	20.913	149	117611	23.258	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.836	252	121623	23.744	ng/ul#	98
85) Benzo(a)anthracene	21.941	228	327979	22.475	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.818	149	165051	22.318	ng/ul#	98
87) Chrysene	22.012	228	302115	21.500	ng/ul	98
89) Di-n-octyl phthalate	23.116	149	278179	21.944	ng/ul	100
90) Benzo(b)fluoranthene	24.332	252	337287	22.178	ng/ul#	96
91) Benzo(k)fluoranthene	24.403	252	317434	22.574	ng/ul#	96
93) Benzo(a)pyrene	25.284	252	317753	22.077	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.472	276	344787	20.927	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.537	278	296839	21.300	ng/ul#	93
96) Benzo(g,h,i)perylene	30.724	276	293602m	21.194	ng/ul	

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

