

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051906.D
 Acq On : 7 Jan 2022 00:35
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020473

Quant Time: Jan 07 11:01:40 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 01/07/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.251	152	25971	20.000	ng/u1	0.00
20) Naphthalene-d8	11.088	136	111434	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.889	164	81279	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.638	188	216234	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.962	240	223906	20.000	ng/u1	# 0.00
88) Perylene-d12	25.445	264	226742	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.569	96	5517	7.591	ng/uL	0.00
4) Pyridine-d5	4.004	84	52964	23.442	ng/u1	0.00
7) Phenol-d5	7.388	99	54418	21.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	32102	19.895	ng/u1	0.00
11) 2-Chlorophenol-d4	7.775	132	35972	21.375	ng/u1	0.00
15) 4-Methylphenol-d8	8.950	113	40061	20.274	ng/u1	0.00
21) Nitrobenzene-d5	9.420	128	19263	21.877	ng/u1	0.00
24) 2-Nitrophenol-d4	10.149	143	20660	21.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	42249	22.196	ng/u1	0.00
31) 4-Chloroaniline-d4	11.212	131	58045	21.897	ng/u1	0.00
46) Dimethylphthalate-d6	14.278	166	138426	20.604	ng/u1	0.00
49) Acenaphthylene-d8	14.584	160	172798	21.293	ng/u1	0.00
54) 4-Nitrophenol-d4	15.071	143	23009	20.484	ng/u1	0.00
60) Fluorene-d10	15.882	176	121971	20.823	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	7117	5.217	ng/u1	0.00
73) Anthracene-d10	17.738	188	209256	20.400	ng/u1	0.00
81) Pyrene-d10	20.018	212	273485	21.223	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.205	264	245833	20.595	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.610	88	6486	7.734	ng/uL	98
5) Pyridine	4.022	79	53483	22.595	ng/u1	97
6) Benzaldehyde	7.370	77	36986	21.874	ng/u1	97
8) Phenol	7.417	94	53887	20.770	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.646	93	37876	19.944	ng/u1	99
12) 2-Chlorophenol	7.805	128	35906	20.973	ng/u1	97
13) 2-Methylphenol	8.686	108	39794	21.092	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.768	45	59406	20.508	ng/u1	99
16) Acetophenone	9.074	105	62285	19.972	ng/u1	87
17) N-Nitroso-di-n-propyla...	9.050	70	38789	20.359	ng/u1	94
18) 4-Methylphenol	9.015	108	44019	21.539	ng/u1	99
19) Hexachloroethane	9.356	117	14687	19.870	ng/u1#	74
22) Nitrobenzene	9.461	77	54936	20.115	ng/u1#	96
23) Isophorone	9.990	82	105028	20.341	ng/u1	98
25) 2-Nitrophenol	10.178	139	21957	20.516	ng/u1	96
26) 2,4-Dimethylphenol	10.237	107	49599	21.358	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.472	93	55740	20.967	ng/u1	98
29) 2,4-Dichlorophenol	10.730	162	41846	22.384	ng/u1	99
30) Naphthalene	11.141	128	125644	20.807	ng/u1	97
32) 4-Chloroaniline	11.235	127	59934	22.185	ng/u1	98
33) Hexachlorobutadiene	11.429	225	29687	19.922	ng/u1	96
34) Caprolactam	11.987	113	17512m	24.069	ng/u1	
35) 4-Chloro-3-methylphenol	12.351	107	48745	22.584	ng/u1	98
36) 2-Methylnaphthalene	12.733	142	91685	21.316	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.951	142	92707	21.001	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.098	216	58149	20.688	ng/ul	97
40) Hexachlorocyclopentadiene	13.080	237	34068	17.664	ng/ul	97
41) 2,4,6-Trichlorophenol	13.327	196	39104	22.012	ng/ul	96
42) 2,4,5-Trichlorophenol	13.403	196	43019	22.463	ng/ul	96
43) 1,1'-Biphenyl	13.726	154	130360	20.775	ng/ul	96
44) 2-Chloronaphthalene	13.773	162	103361	21.270	ng/ul	99
45) 2-Nitroaniline	13.961	65	40727	21.868	ng/ul	97
47) Dimethylphthalate	14.331	163	134240	20.264	ng/ul	99
48) 2,6-Dinitrotoluene	14.449	165	30619	21.922	ng/ul	94
50) Acenaphthylene	14.613	152	169648	21.229	ng/ul	100
51) 3-Nitroaniline	14.778	138	28933	22.900	ng/ul	85
52) Acenaphthene	14.954	153	111173	20.923	ng/ul	96
53) 2,4-Dinitrophenol	14.983	184	2206	2.679	ng/ul#	67
55) 4-Nitrophenol	15.083	109	25020	19.411	ng/ul	95
56) Dibenzofuran	15.289	168	162538	21.063	ng/ul	97
57) 2,4-Dinitrotoluene	15.236	165	43831	21.705	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.512	232	39563	22.273	ng/ul#	87
59) Diethylphthalate	15.688	149	140751	20.594	ng/ul	98
61) Fluorene	15.935	166	135422	21.059	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.923	204	74930	20.998	ng/ul	90
63) 4-Nitroaniline	15.941	138	31133	23.983	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	16.005	198	7139	5.474	ng/ul#	86
67) N-Nitrosodiphenylamine	16.129	169	119189	20.513	ng/ul	95
68) 4-Bromophenyl-phenylether	16.816	248	50187	19.826	ng/ul#	85
69) Hexachlorobenzene	16.945	284	55951	19.929	ng/ul#	88
70) Atrazine	17.074	200	56151	20.830	ng/ul	96
71) Pentachlorophenol	17.286	266	24195m	15.432	ng/ul	
72) Phenanthrene	17.680	178	230721	20.363	ng/ul	99
74) Anthracene	17.774	178	230817	20.351	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	66445	20.460	ng/ul	99
76) Pentachlorobenzene	15.212	250	63367	20.048	ng/ul	96
77) Carbazole	18.038	167	216936	21.227	ng/ul	97
78) Di-n-butylphthalate	18.584	149	254100	21.034	ng/ul	98
80) Fluoranthene	19.683	202	312356	20.975	ng/ul#	91
82) Pyrene	20.047	202	308452	21.038	ng/ul#	89
83) Butylbenzylphthalate	20.916	149	110973	21.749	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.839	252	73985	14.314	ng/ul#	97
85) Benzo(a)anthracene	21.938	228	310692	21.100	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.821	149	158620	21.257	ng/ul	97
87) Chrysene	22.009	228	290993	20.523	ng/ul	99
89) Di-n-octyl phthalate	23.131	149	264598	21.125	ng/ul	100
90) Benzo(b)fluoranthene	24.335	252	319809	21.283	ng/ul#	95
91) Benzo(k)fluoranthene	24.406	252	288631	20.775	ng/ul#	96
93) Benzo(a)pyrene	25.281	252	298705	21.005	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.469	276	337319	20.721	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.552	278	287717m	20.896	ng/ul	
96) Benzo(g,h,i)perylene	30.732	276	280699m	20.508	ng/ul	

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

