

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
 Data File : BG051898.D
 Acq On : 6 Jan 2022 18:57
 Operator : CG/JU
 Sample : SSTDCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020472

Quant Time: Jan 07 01:43:23 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	8.249	152	25196	20.000	ng/u1	0.00
20) Naphthalene-d8	11.086	136	109777	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.893	164	79050	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.636	188	204634	20.000	ng/u1	0.00
79) Chrysene-d12	21.959	240	219874	20.000	ng/u1	# 0.00
88) Perylene-d12	25.443	264	225263	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.573	96	6376	9.042	ng/uL	0.00
4) Pyridine-d5	4.001	84	46110	21.036	ng/u1	0.00
7) Phenol-d5	7.385	99	51045	20.699	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	31946	20.407	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.773	132	34442	21.095	ng/u1	0.00
15) 4-Methylphenol-d8	8.948	113	40046	20.890	ng/u1	0.00
21) Nitrobenzene-d5	9.418	128	18366	21.173	ng/u1	0.00
24) 2-Nitrophenol-d4	10.152	143	20548	21.419	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.692	165	39254	20.933	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.209	131	53848	20.620	ng/u1	0.00
46) Dimethylphthalate-d6	14.282	166	138090	21.134	ng/u1	0.00
49) Acenaphthylene-d8	14.587	160	166307	21.071	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	23651	21.650	ng/u1	0.00
60) Fluorene-d10	15.879	176	117856	20.688	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	27027	20.936	ng/u1	0.00
73) Anthracene-d10	17.736	188	205202	21.139	ng/u1	0.00
81) Pyrene-d10	20.015	212	263005	20.784	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.202	264	247698	20.887	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.614	88	6497	7.986	ng/uL	91
5) Pyridine	4.019	79	47596	20.726	ng/u1	95
6) Benzaldehyde	7.367	77	37758m	23.017	ng/u1	
8) Phenol	7.409	94	53748	21.354	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.649	93	38230	20.749	ng/u1	98
12) 2-Chlorophenol	7.802	128	36774	22.140	ng/u1	97
13) 2-Methylphenol	8.683	108	38595	21.086	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.777	45	59814	21.284	ng/u1	99
16) Acetophenone	9.071	105	65011	21.488	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.053	70	39382	21.306	ng/u1#	94
18) 4-Methylphenol	9.012	108	42205	21.287	ng/u1	94
19) Hexachloroethane	9.353	117	14901	20.780	ng/u1#	70
22) Nitrobenzene	9.459	77	56107	20.854	ng/u1	93
23) Isophorone	9.987	82	103176	20.284	ng/u1	99
25) 2-Nitrophenol	10.181	139	21810	20.686	ng/u1	93
26) 2,4-Dimethylphenol	10.234	107	48092	21.022	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.469	93	53829	20.553	ng/u1	97
29) 2,4-Dichlorophenol	10.728	162	37306	20.257	ng/u1	95
30) Naphthalene	11.139	128	124799	20.979	ng/u1	99
32) 4-Chloroaniline	11.233	127	54414	20.446	ng/u1	98
33) Hexachlorobutadiene	11.427	225	30393	20.704	ng/u1	95
34) Caprolactam	11.979	113	14782	20.624	ng/u1	86
35) 4-Chloro-3-methylphenol	12.343	107	44176	20.776	ng/u1	98
36) 2-Methylnaphthalene	12.731	142	89259	21.065	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	89801	20.650	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.095	216	57787	21.139	ng/ul	97
40) Hexachlorocyclopentadiene	13.077	237	36814	19.626	ng/ul	98
41) 2,4,6-Trichlorophenol	13.324	196	35785	20.712	ng/ul	98
42) 2,4,5-Trichlorophenol	13.400	196	38711	20.784	ng/ul	96
43) 1,1'-Biphenyl	13.724	154	128109	20.992	ng/ul#	95
44) 2-Chloronaphthalene	13.771	162	98018	20.739	ng/ul	98
45) 2-Nitroaniline	13.959	65	38791	21.416	ng/ul	89
47) Dimethylphthalate	14.329	163	132298	20.534	ng/ul	100
48) 2,6-Dinitrotoluene	14.446	165	28003	20.614	ng/ul	98
50) Acenaphthylene	14.611	152	163524	21.040	ng/ul	97
51) 3-Nitroaniline	14.781	138	27636	22.490	ng/ul	96
52) Acenaphthene	14.951	153	105124	20.343	ng/ul	98
53) 2,4-Dinitrophenol	14.981	184	14775	18.448	ng/ul#	88
55) 4-Nitrophenol	15.075	109	26791	21.371	ng/ul	84
56) Dibenzofuran	15.286	168	155682	20.743	ng/ul	98
57) 2,4-Dinitrotoluene	15.233	165	42201	21.487	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.509	232	34720	20.097	ng/ul	90
59) Diethylphthalate	15.686	149	135250	20.347	ng/ul	100
61) Fluorene	15.932	166	128945	20.617	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.921	204	72205	20.805	ng/ul	89
63) 4-Nitroaniline	15.938	138	29472	23.344	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.997	198	25238	20.449	ng/ul#	97
67) N-Nitrosodiphenylamine	16.132	169	113108	20.570	ng/ul	94
68) 4-Bromophenyl-phenylether	16.814	248	48390	20.199	ng/ul#	88
69) Hexachlorobenzene	16.943	284	53895	20.285	ng/ul	93
70) Atrazine	17.072	200	53470	20.960	ng/ul	100
71) Pentachlorophenol	17.289	266	28296	19.070	ng/ul	94
72) Phenanthrene	17.683	178	218946	20.419	ng/ul	98
74) Anthracene	17.771	178	221607	20.646	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	64621	21.026	ng/ul	93
76) Pentachlorobenzene	15.210	250	60281	20.153	ng/ul	97
77) Carbazole	18.035	167	205947	21.294	ng/ul	98
78) Di-n-butylphthalate	18.582	149	241803	21.151	ng/ul	99
80) Fluoranthene	19.680	202	302968	20.718	ng/ul#	91
82) Pyrene	20.044	202	300923	20.901	ng/ul#	90
83) Butylbenzylphthalate	20.914	149	104946	20.945	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.836	252	112144	22.095	ng/ul#	95
85) Benzo(a)anthracene	21.936	228	303539	20.992	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.819	149	150125	20.487	ng/ul	99
87) Chrysene	22.006	228	291828	20.959	ng/ul	98
89) Di-n-octyl phthalate	23.123	149	250120	20.100	ng/ul	100
90) Benzo(b)fluoranthene	24.333	252	317028	21.236	ng/ul#	92
91) Benzo(k)fluoranthene	24.403	252	285321	20.671	ng/ul#	97
93) Benzo(a)pyrene	25.279	252	291824	20.655	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.461	276	335396m	20.738	ng/ul	
95) Dibenzo(a,h)anthracene	29.537	278	285823	20.894	ng/ul#	93
96) Benzo(g,h,i)perylene	30.718	276	281205m	20.680	ng/ul	

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

