

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
 Data File : BG051949.D
 Acq On : 12 Jan 2022 17:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020480

Quant Time: Jan 12 23:54:39 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 01/13/2022
 Supervised By :mohammad ahmed 01/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	23063	20.000	ng/u1	0.00
20) Naphthalene-d8	11.086	136	95906	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.887	164	69162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.636	188	196279	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.959	240	200061	20.000	ng/u1	# 0.00
88) Perylene-d12	25.443	264	201071	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.567	96	5247	8.129	ng/uL	-0.01
4) Pyridine-d5	3.995	84	40951	20.410	ng/u1	-0.01
7) Phenol-d5	7.385	99	48156	21.334	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	28512	19.898	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.773	132	31333	20.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.948	113	36345	20.713	ng/u1	0.00
21) Nitrobenzene-d5	9.412	128	17061	22.513	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.146	143	19780	23.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.692	165	36199	22.096	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.209	131	49676	21.774	ng/u1	0.00
46) Dimethylphthalate-d6	14.276	166	124595	21.795	ng/u1	0.00
49) Acenaphthylene-d8	14.587	160	151733	21.973	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	23579	24.670	ng/u1	0.00
60) Fluorene-d10	15.879	176	112363	22.543	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	24224	19.564	ng/u1	0.00
73) Anthracene-d10	17.736	188	204944	22.011	ng/u1	0.00
81) Pyrene-d10	20.015	212	263500	22.885	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.202	264	230589	21.784	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.608	88	5722	7.684	ng/uL#	85
5) Pyridine	4.019	79	44316	21.082	ng/u1	99
6) Benzaldehyde	7.361	77	33835	22.534	ng/u1	94
8) Phenol	7.408	94	49182	21.347	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.643	93	35082	20.802	ng/u1	99
12) 2-Chlorophenol	7.802	128	33349	21.935	ng/u1	96
13) 2-Methylphenol	8.677	108	34965	20.870	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.771	45	55045	21.398	ng/u1	98
16) Acetophenone	9.071	105	55741	20.128	ng/u1	90
17) N-Nitroso-di-n-propyla...	9.047	70	34984	20.678	ng/u1	88
18) 4-Methylphenol	9.012	108	37891	20.878	ng/u1	97
19) Hexachloroethane	9.347	117	13881	21.148	ng/u1	90
22) Nitrobenzene	9.459	77	49672	21.132	ng/u1#	97
23) Isophorone	9.981	82	94585	21.284	ng/u1	97
25) 2-Nitrophenol	10.181	139	19692	21.378	ng/u1#	87
26) 2,4-Dimethylphenol	10.228	107	43151	21.590	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.463	93	47779	20.882	ng/u1	98
29) 2,4-Dichlorophenol	10.722	162	34673	21.550	ng/u1	98
30) Naphthalene	11.133	128	114025	21.941	ng/u1	98
32) 4-Chloroaniline	11.233	127	50289	21.629	ng/u1	96
33) Hexachlorobutadiene	11.427	225	26880	20.959	ng/u1	95
34) Caprolactam	11.973	113	14251m	22.758	ng/u1	
35) 4-Chloro-3-methylphenol	12.343	107	42836	23.059	ng/u1	94
36) 2-Methylnaphthalene	12.731	142	81705	22.071	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	83293	21.924	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.095	216	51010	21.328	ng/ul	97
40) Hexachlorocyclopentadiene	13.077	237	29056	17.705	ng/ul	94
41) 2,4,6-Trichlorophenol	13.324	196	32684	21.621	ng/ul	94
42) 2,4,5-Trichlorophenol	13.400	196	37700	23.135	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	115092	21.556	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	90644	21.921	ng/ul	96
45) 2-Nitroaniline	13.964	65	36931	23.304	ng/ul	96
47) Dimethylphthalate	14.323	163	123201	21.856	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	25941	21.826	ng/ul	92
50) Acenaphthylene	14.611	152	154015	22.649	ng/ul	97
51) 3-Nitroaniline	14.775	138	27492	25.571	ng/ul	100
52) Acenaphthene	14.951	153	97943	21.663	ng/ul	96
53) 2,4-Dinitrophenol	14.981	184	12189	17.395	ng/ul#	86
55) 4-Nitrophenol	15.080	109	24900	22.702	ng/ul	93
56) Dibenzofuran	15.286	168	145272	22.123	ng/ul	97
57) 2,4-Dinitrotoluene	15.233	165	40056	23.311	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.509	232	35398	23.419	ng/ul	91
59) Diethylphthalate	15.685	149	130011	22.355	ng/ul	98
61) Fluorene	15.932	166	123388	22.550	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.920	204	66438	21.880	ng/ul	92
63) 4-Nitroaniline	15.938	138	30538	27.646	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.997	198	22026	18.606	ng/ul#	97
67) N-Nitrosodiphenylamine	16.126	169	110103	20.876	ng/ul	95
68) 4-Bromophenyl-phenylether	16.813	248	47440	20.646	ng/ul	91
69) Hexachlorobenzene	16.943	284	52135	20.458	ng/ul#	90
70) Atrazine	17.072	200	53011	21.665	ng/ul	99
71) Pentachlorophenol	17.283	266	27739	19.491	ng/ul	94
72) Phenanthrene	17.683	178	223670	21.748	ng/ul	99
74) Anthracene	17.771	178	222350	21.597	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	57368	19.461	ng/ul	99
76) Pentachlorobenzene	15.210	250	57210	19.940	ng/ul	98
77) Carbazole	18.035	167	213126	22.974	ng/ul	98
78) Di-n-butylphthalate	18.582	149	245725	22.409	ng/ul	99
80) Fluoranthene	19.680	202	301503	22.660	ng/ul#	92
82) Pyrene	20.044	202	300418	22.932	ng/ul#	89
83) Butylbenzylphthalate	20.914	149	105151	23.064	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.836	252	103058	22.316	ng/ul#	96
85) Benzo(a)anthracene	21.936	228	285432	21.694	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.818	149	148047	22.204	ng/ul#	99
87) Chrysene	22.006	228	271397	21.422	ng/ul	99
89) Di-n-octyl phthalate	23.122	149	247309	22.266	ng/ul	100
90) Benzo(b)fluoranthene	24.327	252	294374	22.091	ng/ul#	95
91) Benzo(k)fluoranthene	24.403	252	279809	22.711	ng/ul#	95
93) Benzo(a)pyrene	25.278	252	277620	22.014	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.455	276	315854	21.880	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.526	278	266207	21.802	ng/ul#	92
96) Benzo(g,h,i)perylene	30.712	276	259091	21.346	ng/ul#	92

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

