

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012522\
 Data File : BG052143.D
 Acq On : 25 Jan 2022 14:34
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020505

Quant Time: Jan 25 23:25:46 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 01/26/2022
 Supervised By :mohammad ahmed 01/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	28753	20.000	ng/u1	0.00
20) Naphthalene-d8	11.098	136	122610	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.899	164	91977	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.648	188	212508	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.966	240	202249	20.000	ng/u1	# 0.00
88) Perylene-d12	25.455	264	211179	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.579	96	6973	8.666	ng/uL	0.00
4) Pyridine-d5	4.008	84	51550	20.609	ng/u1	0.00
7) Phenol-d5	7.403	99	62166	22.090	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.568	67	36916	20.665	ng/u1	0.00
11) 2-Chlorophenol-d4	7.791	132	42812	22.978	ng/u1	0.01
15) 4-Methylphenol-d8	8.966	113	47249	21.598	ng/u1	0.01
21) Nitrobenzene-d5	9.430	128	22490	23.213	ng/u1	0.00
24) 2-Nitrophenol-d4	10.164	143	24545	22.907	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.711	165	51368	24.526	ng/u1	0.00
31) 4-Chloroaniline-d4	11.228	131	66561	22.821	ng/u1	0.01
46) Dimethylphthalate-d6	14.288	166	152913	20.113	ng/u1	0.00
49) Acenaphthylene-d8	14.594	160	198850	21.653	ng/u1	0.00
54) 4-Nitrophenol-d4	15.081	143	22784	17.925	ng/u1	0.01
60) Fluorene-d10	15.886	176	140038	21.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.998	200	23299	17.380	ng/u1	0.01
73) Anthracene-d10	17.748	188	222876	22.109	ng/u1	0.00
81) Pyrene-d10	20.022	212	267793	23.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.215	264	253166	22.772	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.614	88	7246	7.804	ng/uL#	94
5) Pyridine	4.026	79	52889	20.182	ng/u1	97
6) Benzaldehyde	7.380	77	13473	7.197	ng/u1	87
8) Phenol	7.433	94	61419	21.383	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.662	93	43655	20.762	ng/u1	98
12) 2-Chlorophenol	7.820	128	44298	23.371	ng/u1	95
13) 2-Methylphenol	8.702	108	45506	21.786	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.784	45	64812	20.209	ng/u1	99
16) Acetophenone	9.083	105	71386	20.676	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.066	70	41208	19.536	ng/u1	97
18) 4-Methylphenol	9.031	108	49490	21.873	ng/u1	92
19) Hexachloroethane	9.365	117	17000	20.774	ng/u1#	69
22) Nitrobenzene	9.477	77	61066	20.321	ng/u1	98
23) Isophorone	10.000	82	112614	19.822	ng/u1	98
25) 2-Nitrophenol	10.194	139	26128	22.188	ng/u1	89
26) 2,4-Dimethylphenol	10.247	107	56821	22.238	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.482	93	60906	20.822	ng/u1	99
29) 2,4-Dichlorophenol	10.740	162	47509	23.097	ng/u1	98
30) Naphthalene	11.151	128	150295	22.621	ng/u1	97
32) 4-Chloroaniline	11.251	127	67218	22.614	ng/u1	95
33) Hexachlorobutadiene	11.439	225	36450	22.231	ng/u1	97
34) Caprolactam	11.997	113	16363m	20.440	ng/u1	
35) 4-Chloro-3-methylphenol	12.361	107	53338	22.459	ng/u1	99
36) 2-Methylnaphthalene	12.743	142	108082	22.838	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.961	142	109704	22.587	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.107	216	72009	22.639	ng/ul	96
40) Hexachlorocyclopentadiene	13.090	237	27760	12.719	ng/ul	95
41) 2,4,6-Trichlorophenol	13.336	196	43888	21.831	ng/ul	92
42) 2,4,5-Trichlorophenol	13.413	196	48838	22.536	ng/ul	96
43) 1,1'-Biphenyl	13.730	154	152824	21.523	ng/ul#	93
44) 2-Chloronaphthalene	13.783	162	115799	21.058	ng/ul	100
45) 2-Nitroaniline	13.977	65	41272	19.583	ng/ul	97
47) Dimethylphthalate	14.335	163	147148	19.629	ng/ul	99
48) 2,6-Dinitrotoluene	14.459	165	33701	21.322	ng/ul	95
50) Acenaphthylene	14.623	152	193846	21.436	ng/ul	98
51) 3-Nitroaniline	14.793	138	23036	16.112	ng/ul	99
52) Acenaphthene	14.964	153	127318	21.175	ng/ul	98
53) 2,4-Dinitrophenol	14.999	184	9102	9.767	ng/ul	91
55) 4-Nitrophenol	15.093	109	24652	16.901	ng/ul	86
56) Dibenzofuran	15.293	168	183583	21.023	ng/ul	98
57) 2,4-Dinitrotoluene	15.246	165	46527	20.360	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.522	232	41823	20.806	ng/ul#	83
59) Diethylphthalate	15.692	149	152374	19.701	ng/ul	98
61) Fluorene	15.945	166	151108	20.765	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.927	204	84240	20.861	ng/ul	95
63) 4-Nitroaniline	15.951	138	15286	10.406	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.009	198	21876	17.068	ng/ul#	96
67) N-Nitrosodiphenylamine	16.139	169	132545	23.212	ng/ul	94
68) 4-Bromophenyl-phenylether	16.826	248	58798	23.635	ng/ul#	85
69) Hexachlorobenzene	16.955	284	64274	23.295	ng/ul#	87
70) Atrazine	17.078	200	57548	21.723	ng/ul	96
71) Pentachlorophenol	17.296	266	26390	17.127	ng/ul	94
72) Phenanthrene	17.689	178	246145	22.105	ng/ul	97
74) Anthracene	17.778	178	245760	22.048	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.707	216	75143	23.544	ng/ul	98
76) Pentachlorobenzene	15.222	250	76311	24.567	ng/ul	98
77) Carbazole	18.042	167	213261	21.233	ng/ul	98
78) Di-n-butylphthalate	18.588	149	252199	21.243	ng/ul	98
80) Fluoranthene	19.687	202	306044	22.752	ng/ul#	90
82) Pyrene	20.051	202	300324	22.677	ng/ul#	89
83) Butylbenzylphthalate	20.920	149	107164	23.251	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.843	252	103266	22.119	ng/ul#	96
85) Benzo(a)anthracene	21.943	228	301545	22.671	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.819	149	151602	22.492	ng/ul#	99
87) Chrysene	22.013	228	285869	22.320	ng/ul	98
89) Di-n-octyl phthalate	23.123	149	259424	22.238	ng/ul	100
90) Benzo(b)fluoranthene	24.339	252	317820	22.709	ng/ul#	94
91) Benzo(k)fluoranthene	24.410	252	294575	22.765	ng/ul#	96
93) Benzo(a)pyrene	25.291	252	303555	22.919	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.485	276	332860	21.954	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.550	278	285012	22.225	ng/ul#	93
96) Benzo(g,h,i)perylene	30.736	276	275498m	21.611	ng/ul	

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

