

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051968.D
 Acq On : 14 Jan 2022 9:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020484

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/14/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 14 10:37:57 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	27742	20.000	ng/u1	0.00
20) Naphthalene-d8	11.084	136	112324	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.890	164	78901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.640	188	199306	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.963	240	206817	20.000	ng/u1	# 0.00
88) Perylene-d12	25.452	264	210807	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.576	96	6889	8.873	ng/uL	0.00
4) Pyridine-d5	3.999	84	50856	21.072	ng/u1	0.00
7) Phenol-d5	7.383	99	56482	20.802	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	35505	20.599	ng/u1	0.00
11) 2-Chlorophenol-d4	7.771	132	38816	21.592	ng/u1	0.00
15) 4-Methylphenol-d8	8.951	113	41366	19.598	ng/u1	0.00
21) Nitrobenzene-d5	9.421	128	19227	21.663	ng/u1	0.00
24) 2-Nitrophenol-d4	10.150	143	21457	21.859	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	43064	22.444	ng/u1	0.00
31) 4-Chloroaniline-d4	11.213	131	53208	19.913	ng/u1	0.00
46) Dimethylphthalate-d6	14.279	166	133538	20.476	ng/u1	0.00
49) Acenaphthylene-d8	14.585	160	167784	21.298	ng/u1	0.00
54) 4-Nitrophenol-d4	15.067	143	22222	20.380	ng/u1	0.00
60) Fluorene-d10	15.883	176	120314	21.159	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	23342	18.565	ng/u1	0.00
73) Anthracene-d10	17.739	188	206590	21.851	ng/u1	0.00
81) Pyrene-d10	20.019	212	265863	22.336	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.206	264	243185	21.913	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.611	88	7274	8.120	ng/uL#	90
5) Pyridine	4.023	79	52945	20.939	ng/u1	93
6) Benzaldehyde	7.365	77	40787	22.582	ng/u1	97
8) Phenol	7.412	94	57452	20.730	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.647	93	41611	20.511	ng/u1	94
12) 2-Chlorophenol	7.806	128	40213	21.989	ng/u1	96
13) 2-Methylphenol	8.681	108	40656	20.174	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.775	45	63582	20.548	ng/u1	99
16) Acetophenone	9.075	105	65231	19.582	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.051	70	40498	19.899	ng/u1	92
18) 4-Methylphenol	9.010	108	43551	19.950	ng/u1	94
19) Hexachloroethane	9.351	117	16553	20.965	ng/u1#	79
22) Nitrobenzene	9.462	77	58674	21.313	ng/u1#	96
23) Isophorone	9.985	82	107230	20.603	ng/u1	97
25) 2-Nitrophenol	10.185	139	22459	20.818	ng/u1#	84
26) 2,4-Dimethylphenol	10.232	107	51923	22.181	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.467	93	55942	20.876	ng/u1	98
29) 2,4-Dichlorophenol	10.725	162	39440	20.930	ng/u1	94
30) Naphthalene	11.137	128	131081	21.536	ng/u1	97
32) 4-Chloroaniline	11.236	127	56211	20.642	ng/u1	95
33) Hexachlorobutadiene	11.430	225	31882	21.226	ng/u1	96
34) Caprolactam	11.977	113	15184	20.704	ng/u1	100
35) 4-Chloro-3-methylphenol	12.341	107	46728	21.477	ng/u1	97
36) 2-Methylnaphthalene	12.734	142	92667	21.373	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.946	142	95896	21.552	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.099	216	58357	21.388	ng/ul	95
40) Hexachlorocyclopentadiene	13.075	237	35610	19.020	ng/ul	93
41) 2,4,6-Trichlorophenol	13.328	196	37185	21.562	ng/ul	94
42) 2,4,5-Trichlorophenol	13.404	196	39816	21.417	ng/ul	99
43) 1,1'-Biphenyl	13.727	154	131125	21.527	ng/ul	95
44) 2-Chloronaphthalene	13.774	162	100668	21.340	ng/ul	99
45) 2-Nitroaniline	13.962	65	39244	21.707	ng/ul	92
47) Dimethylphthalate	14.326	163	132319	20.576	ng/ul#	98
48) 2,6-Dinitrotoluene	14.450	165	27967	20.626	ng/ul	97
50) Acenaphthylene	14.614	152	166150	21.418	ng/ul	98
51) 3-Nitroaniline	14.779	138	29504	24.055	ng/ul	95
52) Acenaphthene	14.955	153	111178	21.555	ng/ul	96
53) 2,4-Dinitrophenol	14.984	184	12187	15.245	ng/ul	93
55) 4-Nitrophenol	15.078	109	25596	20.456	ng/ul	90
56) Dibenzofuran	15.290	168	158372	21.141	ng/ul	99
57) 2,4-Dinitrotoluene	15.237	165	40748	20.787	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.513	232	36701	21.284	ng/ul#	87
59) Diethylphthalate	15.683	149	136403	20.559	ng/ul	99
61) Fluorene	15.936	166	132846	21.281	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.924	204	70316	20.299	ng/ul	94
63) 4-Nitroaniline	15.942	138	30086	23.875	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.006	198	22615	18.814	ng/ul#	94
67) N-Nitrosodiphenylamine	16.130	169	116222	21.701	ng/ul	98
68) 4-Bromophenyl-phenylether	16.817	248	50382	21.593	ng/ul#	90
69) Hexachlorobenzene	16.946	284	54802	21.178	ng/ul#	91
70) Atrazine	17.070	200	52520	21.138	ng/ul	97
71) Pentachlorophenol	17.287	266	28079	19.430	ng/ul	94
72) Phenanthrene	17.681	178	225543	21.597	ng/ul	98
74) Anthracene	17.775	178	227741	21.785	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.698	216	64776	21.640	ng/uL	100
76) Pentachlorobenzene	15.208	250	63523	21.804	ng/uL	97
77) Carbazole	18.039	167	213845	22.702	ng/ul	97
78) Di-n-butylphthalate	18.585	149	247344	22.214	ng/ul	99
80) Fluoranthene	19.684	202	310758	22.592	ng/ul#	91
82) Pyrene	20.048	202	304985	22.520	ng/ul#	89
83) Butylbenzylphthalate	20.917	149	108083	22.933	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.840	252	108040	22.630	ng/ul#	98
85) Benzo(a)anthracene	21.940	228	304571	22.393	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	153395	22.255	ng/ul#	97
87) Chrysene	22.010	228	285011	21.762	ng/ul	98
89) Di-n-octyl phthalate	23.126	149	252708	21.701	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	317279	22.711	ng/ul#	96
91) Benzo(k)fluoranthene	24.407	252	288483	22.333	ng/ul#	95
93) Benzo(a)pyrene	25.282	252	293386	22.190	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.459	276	334776	22.120	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.541	278	289851	22.642	ng/ul#	94
96) Benzo(g,h,i)perylene	30.716	276	283492m	22.277	ng/ul	

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

