

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022422\
 Data File : BG052474.D
 Acq On : 24 Feb 2022 11:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020528

Quant Time: Feb 24 14:52:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	25251	20.000	ng/u1	0.00
20) Naphthalene-d8	11.065	136	104246	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.872	164	77935	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	195639	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.933	240	202949	20.000	ng/u1	# 0.00
88) Perylene-d12	25.393	264	210371	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	5553	8.627	ng/uL	0.00
4) Pyridine-d5	3.975	84	41086	21.157	ng/u1	0.00
7) Phenol-d5	7.370	99	50411	21.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.529	67	30184	21.571	ng/u1	0.00
11) 2-Chlorophenol-d4	7.752	132	34660	20.609	ng/u1	0.00
15) 4-Methylphenol-d8	8.933	113	39683	21.301	ng/u1	0.00
21) Nitrobenzene-d5	9.397	128	20073	22.587	ng/u1	0.00
24) 2-Nitrophenol-d4	10.131	143	21651	22.242	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	40433	22.274	ng/u1	0.00
31) 4-Chloroaniline-d4	11.195	131	58081	23.089	ng/u1	0.00
46) Dimethylphthalate-d6	14.261	166	138908	21.925	ng/u1	0.00
49) Acenaphthylene-d8	14.566	160	169844	21.716	ng/u1	0.00
54) 4-Nitrophenol-d4	15.054	143	21207	21.056	ng/u1	0.00
60) Fluorene-d10	15.859	176	122501	22.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	24153	19.471	ng/u1	0.00
73) Anthracene-d10	17.715	188	207157	21.918	ng/u1	0.00
81) Pyrene-d10	19.994	212	261265	22.000	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.158	264	244976	21.706	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.581	88	6527	8.715	ng/uL	95
5) Pyridine	3.998	79	41171	20.999	ng/u1	98
6) Benzaldehyde	7.347	77	32471	23.880	ng/u1	94
8) Phenol	7.400	94	50230	20.741	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.629	93	38067	21.252	ng/u1	95
12) 2-Chlorophenol	7.787	128	36795	21.000	ng/u1	98
13) 2-Methylphenol	8.669	108	37238	20.313	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.745	45	53132	21.672	ng/u1	98
16) Acetophenone	9.050	105	62455	21.759	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.027	70	36860	21.813	ng/u1	96
18) 4-Methylphenol	8.998	108	40341	20.692	ng/u1	94
19) Hexachloroethane	9.326	117	15244	22.252	ng/u1#	73
22) Nitrobenzene	9.444	77	50921	22.352	ng/u1	97
23) Isophorone	9.967	82	99865	22.722	ng/u1#	94
25) 2-Nitrophenol	10.167	139	22385	21.883	ng/u1	94
26) 2,4-Dimethylphenol	10.214	107	46916	22.299	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.443	93	52119	21.910	ng/u1	99
29) 2,4-Dichlorophenol	10.707	162	39179	22.815	ng/u1	99
30) Naphthalene	11.118	128	127421	21.970	ng/u1	98
32) 4-Chloroaniline	11.218	127	61859	23.971	ng/u1	94
33) Hexachlorobutadiene	11.400	225	29076	21.458	ng/u1	96
34) Caprolactam	11.958	113	14476m	22.659	ng/u1	
35) 4-Chloro-3-methylphenol	12.328	107	44869	23.393	ng/u1	91
36) 2-Methylnaphthalene	12.710	142	92458	22.248	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.928	142	95666	22.621	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.074	216	59129	21.618	ng/ul	97
40) Hexachlorocyclopentadiene	13.051	237	23461	17.719	ng/ul	98
41) 2,4,6-Trichlorophenol	13.309	196	34884	21.267	ng/ul	96
42) 2,4,5-Trichlorophenol	13.386	196	36598	20.932	ng/ul	93
43) 1,1'-Biphenyl	13.703	154	130835	21.113	ng/ul#	94
44) 2-Chloronaphthalene	13.750	162	100558	21.338	ng/ul	97
45) 2-Nitroaniline	13.944	65	35557	23.101	ng/ul	91
47) Dimethylphthalate	14.308	163	135325	21.851	ng/ul#	99
48) 2,6-Dinitrotoluene	14.431	165	29081	21.443	ng/ul	86
50) Acenaphthylene	14.596	152	171298	21.917	ng/ul	97
51) 3-Nitroaniline	14.766	138	20290	18.371	ng/ul	95
52) Acenaphthene	14.937	153	110945	21.584	ng/ul	93
53) 2,4-Dinitrophenol	14.978	184	10534	15.708	ng/ul#	82
55) 4-Nitrophenol	15.072	109	20993	21.492	ng/ul	85
56) Dibenzofuran	15.266	168	162177	21.948	ng/ul	98
57) 2,4-Dinitrotoluene	15.219	165	43619	22.203	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.495	232	32790	20.693	ng/ul#	88
59) Diethylphthalate	15.659	149	140114	22.381	ng/ul	98
61) Fluorene	15.912	166	136830	22.014	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.900	204	73867	21.837	ng/ul	91
63) 4-Nitroaniline	15.918	138	15464	14.583	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.988	198	23442	19.499	ng/ul	95
67) N-Nitrosodiphenylamine	16.111	169	120032	21.776	ng/ul	94
68) 4-Bromophenyl-phenylether	16.793	248	51669	22.004	ng/ul#	88
69) Hexachlorobenzene	16.928	284	58649	21.768	ng/ul#	88
70) Atrazine	17.051	200	53381	21.974	ng/ul	98
71) Pentachlorophenol	17.275	266	21998m	18.127	ng/ul	
72) Phenanthrene	17.662	178	233650	22.174	ng/ul	99
74) Anthracene	17.750	178	233633	22.030	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.674	216	64181	20.738	ng/ul	99
76) Pentachlorobenzene	15.189	250	63880	21.620	ng/ul	96
77) Carbazole	18.015	167	211316	22.434	ng/ul	98
78) Di-n-butylphthalate	18.555	149	245540	21.919	ng/ul	99
80) Fluoranthene	19.665	202	307805	21.954	ng/ul#	91
82) Pyrene	20.024	202	302844	21.751	ng/ul#	90
83) Butylbenzylphthalate	20.893	149	106088	21.077	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.810	252	89913	20.056	ng/ul#	95
85) Benzo(a)anthracene	21.909	228	300439	21.847	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.786	149	151725	21.506	ng/ul#	98
87) Chrysene	21.980	228	284638	21.590	ng/ul	99
89) Di-n-octyl phthalate	23.078	149	254358	20.909	ng/ul	100
90) Benzo(b)fluoranthene	24.289	252	311680	21.250	ng/ul#	96
91) Benzo(k)fluoranthene	24.359	252	290489	21.472	ng/ul#	96
93) Benzo(a)pyrene	25.229	252	296041	21.455	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.388	276	342772	21.846	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.452	278	287547	21.469	ng/ul#	94
96) Benzo(g,h,i)perylene	30.639	276	283755	21.540	ng/ul#	90

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

