

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
 Data File : BG054014.D
 Acq On : 23 Jun 2022 15:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020570

Quant Time: Jun 23 23:04:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
 Supervised By :mohammad ahmed 06/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	21546	20.000	ng/u1	0.00
20) Naphthalene-d8	10.882	136	96578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	76195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	195773	20.000	ng/u1	0.00
79) Chrysene-d12	21.716	240	218286	20.000	ng/u1	0.00
88) Perylene-d12	24.971	264	221710	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.497	96	3939	8.698	ng/uL	0.00
4) Pyridine-d5	3.908	84	26300	21.353	ng/u1	0.00
7) Phenol-d5	7.228	99	34557	22.388	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	20736	22.270	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	26440	21.480	ng/u1	0.00
15) 4-Methylphenol-d8	8.779	113	30396	23.095	ng/u1	0.00
21) Nitrobenzene-d5	9.231	128	13960	19.474	ng/u1	0.00
24) 2-Nitrophenol-d4	9.960	143	15474	20.316	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	34978	20.757	ng/u1	0.00
31) 4-Chloroaniline-d4	11.011	131	44551	20.927	ng/u1	0.00
46) Dimethylphthalate-d6	14.096	166	114495	19.101	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	128320	19.687	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	16438	20.028	ng/u1	0.00
60) Fluorene-d10	15.688	176	103987	19.313	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	20105	18.826	ng/u1	0.00
73) Anthracene-d10	17.539	188	173480	19.621	ng/u1	0.00
81) Pyrene-d10	19.825	212	226013	19.858	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.748	264	219949	19.653	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.532	88	4163	8.424	ng/uL#	79
5) Pyridine	3.926	79	27082	21.202	ng/u1	96
6) Benzaldehyde	7.204	77	21078	26.816	ng/u1	95
8) Phenol	7.257	94	36339	22.562	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.486	93	26564	21.774	ng/u1	89
12) 2-Chlorophenol	7.639	128	27526	21.903	ng/u1	97
13) 2-Methylphenol	8.514	108	28351	22.676	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.602	45	42742	23.586	ng/u1	98
16) Acetophenone	8.890	105	45035	22.125	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.873	70	24449	23.563	ng/u1	97
18) 4-Methylphenol	8.837	108	31410	23.485	ng/u1	100
19) Hexachloroethane	9.166	117	10462	19.645	ng/u1	87
22) Nitrobenzene	9.278	77	33240	19.467	ng/u1#	89
23) Isophorone	9.795	82	66015	19.941	ng/u1	99
25) 2-Nitrophenol	9.989	139	16557	20.731	ng/u1	93
26) 2,4-Dimethylphenol	10.048	107	36626	21.001	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.283	93	38834	20.837	ng/u1	95
29) 2,4-Dichlorophenol	10.524	162	34333	20.373	ng/u1	91
30) Naphthalene	10.935	128	95341	19.901	ng/u1	97
32) 4-Chloroaniline	11.035	127	43780	20.738	ng/u1	96
33) Hexachlorobutadiene	11.223	225	26453	16.071	ng/u1	94
34) Caprolactam	11.781	113	10199m	20.281	ng/u1	
35) 4-Chloro-3-methylphenol	12.151	107	35291	21.777	ng/u1	94
36) 2-Methylnaphthalene	12.533	142	71448	20.160	ng/u1	95

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37) 1-Methylnaphthalene	12.751	142	71151	20.131	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.903	216	55068	17.780	ng/ul	98
40) Hexachlorocyclopentadiene	12.886	237	22302	12.840	ng/ul	97
41) 2,4,6-Trichlorophenol	13.138	196	32010	19.914	ng/ul	98
42) 2,4,5-Trichlorophenol	13.209	196	36273	19.961	ng/ul	97
43) 1,1'-Biphenyl	13.532	154	105423	19.963	ng/ul	99
44) 2-Chloronaphthalene	13.579	162	83972	19.147	ng/ul	99
45) 2-Nitroaniline	13.773	65	23894	21.657	ng/ul	96
47) Dimethylphthalate	14.143	163	111321	19.322	ng/ul	99
48) 2,6-Dinitrotoluene	14.266	165	22960	19.815	ng/ul	95
50) Acenaphthylene	14.419	152	135470	20.242	ng/ul	99
51) 3-Nitroaniline	14.595	138	20381	21.668	ng/ul#	96
52) Acenaphthene	14.760	153	89865	20.108	ng/ul	98
53) 2,4-Dinitrophenol	14.801	184	9804	18.264	ng/ul#	61
55) 4-Nitrophenol	14.895	109	14891	18.508	ng/ul	98
56) Dibenzofuran	15.095	168	136532	19.966	ng/ul	96
57) 2,4-Dinitrotoluene	15.054	165	32735	19.476	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.324	232	31876	20.187	ng/ul#	96
59) Diethylphthalate	15.506	149	112422	19.901	ng/ul	98
61) Fluorene	15.747	166	110555	19.850	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.735	204	65436	18.478	ng/ul	93
63) 4-Nitroaniline	15.753	138	19211	21.241	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.818	198	19029	18.562	ng/ul	96
67) N-Nitrosodiphenylamine	15.947	169	99395	20.767	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	45079	18.538	ng/ul	98
69) Hexachlorobenzene	16.752	284	51350	18.017	ng/ul	93
70) Atrazine	16.893	200	45102	19.186	ng/ul	98
71) Pentachlorophenol	17.092	266	22060	18.261	ng/ul	90
72) Phenanthrene	17.486	178	192907	19.889	ng/ul	98
74) Anthracene	17.574	178	195379	19.988	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.503	216	59275	17.776	ng/ul	96
76) Pentachlorobenzene	15.018	250	56222	18.333	ng/ul	95
77) Carbazole	17.839	167	167881	20.831	ng/ul	99
78) Di-n-butylphthalate	18.397	149	196333	21.397	ng/ul	100
80) Fluoranthene	19.490	202	255625	20.119	ng/ul	97
82) Pyrene	19.854	202	253394	20.060	ng/ul	97
83) Butylbenzylphthalate	20.735	149	85289	22.404	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.611	252	84533	18.713	ng/ul	93
85) Benzo(a)anthracene	21.699	228	264059	19.626	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.605	149	124843	22.443	ng/ul	100
87) Chrysene	21.763	228	252234	19.541	ng/ul	98
89) Di-n-octyl phthalate	22.827	149	214953	22.575	ng/ul	100
90) Benzo(b)fluoranthene	23.937	252	272489	19.904	ng/ul	99
91) Benzo(k)fluoranthene	24.008	252	259432	19.791	ng/ul	100
93) Benzo(a)pyrene	24.825	252	265459	20.130	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.697	276	301938	19.030	ng/ul	97
95) Dibenzo(a,h)anthracene	28.761	278	250982	18.797	ng/ul	99
96) Benzo(g,h,i)perylene	29.860	276	247467	18.473	ng/ul	97

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

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