

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058135.D
 Acq On : 9 Jul 2023 22:18
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020505

Quant Time: Jul 10 02:15:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	54323	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	252846	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.553	164	181534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.297	188	436178	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	371292	20.000	ng/u1	0.00
88) Perylene-d12	24.706	264	465248	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.354	96	11987	7.727	ng/uL	0.00
4) Pyridine-d5	3.765	84	91309	19.387	ng/u1	0.00
7) Phenol-d5	7.079	99	109001	19.648	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	65439	19.574	ng/u1	0.00
11) 2-Chlorophenol-d4	7.449	132	75846	19.822	ng/u1	0.00
15) 4-Methylphenol-d8	8.624	113	84055	20.080	ng/u1	0.00
21) Nitrobenzene-d5	9.077	128	40159	19.487	ng/u1	0.00
24) 2-Nitrophenol-d4	9.800	143	44081	20.352	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	85633	20.610	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	125373	19.902	ng/u1	0.00
46) Dimethylphthalate-d6	13.954	166	270490	18.885	ng/u1	0.00
49) Acenaphthylene-d8	14.247	160	309608	19.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.753	143	46102	18.218	ng/u1	0.00
60) Fluorene-d10	15.546	176	244466	20.097	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	46432	19.604	ng/u1	0.00
73) Anthracene-d10	17.397	188	392256	19.380	ng/u1	0.00
81) Pyrene-d10	19.688	212	450285	19.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.488	264	451837	19.062	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.389	88	14654	7.646	ng/uL	94
5) Pyridine	3.783	79	95963	19.886	ng/u1	99
6) Benzaldehyde	7.056	77	18979	10.244	ng/u1	98
8) Phenol	7.109	94	113783	20.211	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.332	93	85461	19.660	ng/u1	99
12) 2-Chlorophenol	7.479	128	78017	19.594	ng/u1	97
13) 2-Methylphenol	8.360	108	87383	19.764	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.442	45	133897	20.011	ng/u1	99
16) Acetophenone	8.736	105	137430	19.788	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.719	70	73314	19.746	ng/u1	98
18) 4-Methylphenol	8.683	108	96984	20.286	ng/u1	99
19) Hexachloroethane	8.995	117	29888	19.581	ng/u1	96
22) Nitrobenzene	9.118	77	104609	19.554	ng/u1	97
23) Isophorone	9.635	82	216946	19.005	ng/u1	99
25) 2-Nitrophenol	9.829	139	46969	20.210	ng/u1	95
26) 2,4-Dimethylphenol	9.888	107	106885	20.452	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.123	93	121459	18.881	ng/u1	98
29) 2,4-Dichlorophenol	10.370	162	81988	20.295	ng/u1	98
30) Naphthalene	10.769	128	277657	19.540	ng/u1	98
32) 4-Chloroaniline	10.881	127	131258	20.378	ng/u1	99
33) Hexachlorobutadiene	11.051	225	55525	19.414	ng/u1	96
34) Caprolactam	11.633	113	31058	19.123	ng/u1	92
35) 4-Chloro-3-methylphenol	12.003	107	103619	20.881	ng/u1	98
36) 2-Methylnaphthalene	12.379	142	189421	19.776	ng/u1	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058135.D
 Acq On : 9 Jul 2023 22:18
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020505

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 10 02:15:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.596	142	192958	20.089	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.743	216	110885	20.044	ng/ul	98
40) Hexachlorocyclopentadiene	12.726	237	57741	16.570	ng/ul	93
41) 2,4,6-Trichlorophenol	12.990	196	76368	20.368	ng/ul	97
42) 2,4,5-Trichlorophenol	13.060	196	83254	20.531	ng/ul	97
43) 1,1'-Biphenyl	13.390	154	258574	19.765	ng/ul	100
44) 2-Chloronaphthalene	13.431	162	205013	19.526	ng/ul	99
45) 2-Nitroaniline	13.630	65	73050	20.011	ng/ul	95
47) Dimethylphthalate	14.006	163	273458	19.003	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	59896	20.278	ng/ul	97
50) Acenaphthylene	14.277	152	336527	19.938	ng/ul	99
51) 3-Nitroaniline	14.459	138	42485	17.020	ng/ul	97
52) Acenaphthene	14.617	153	232362	20.062	ng/ul	97
53) 2,4-Dinitrophenol	14.664	184	28041	18.209	ng/ul	96
55) 4-Nitrophenol	14.770	109	35415	18.891	ng/ul	88
56) Dibenzofuran	14.952	168	329093	19.989	ng/ul	100
57) 2,4-Dinitrotoluene	14.917	165	83919	20.052	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.176	232	74659	20.225	ng/ul#	97
59) Diethylphthalate	15.364	149	286509	19.076	ng/ul	99
61) Fluorene	15.599	166	266663	19.740	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	141743	19.830	ng/ul	98
63) 4-Nitroaniline	15.616	138	26031m	11.641	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	48456	20.006	ng/ul	99
67) N-Nitrosodiphenylamine	15.804	169	228637	19.696	ng/ul	96
68) 4-Bromophenyl-phenylether	16.486	248	97225	20.307	ng/ul	99
69) Hexachlorobenzene	16.603	284	111716	20.841	ng/ul	98
70) Atrazine	16.750	200	90582	19.082	ng/ul	96
71) Pentachlorophenol	16.950	266	58329	18.125	ng/ul	96
72) Phenanthrene	17.338	178	434631	19.589	ng/ul	99
74) Anthracene	17.432	178	438931	19.550	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.354	216	117231	20.266	ng/uL	97
76) Pentachlorobenzene	14.870	250	125168	20.260	ng/uL	99
77) Carbazole	17.702	167	400332	19.715	ng/ul	100
78) Di-n-butylphthalate	18.254	149	506360	19.576	ng/ul	99
80) Fluoranthene	19.353	202	516003	19.043	ng/ul	98
82) Pyrene	19.717	202	522027	19.139	ng/ul	99
83) Butylbenzylphthalate	20.599	149	217583	19.673	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	189434	21.075	ng/ul#	97
85) Benzo(a)anthracene	21.533	228	520720	19.532	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	317548	20.035	ng/ul	98
87) Chrysene	21.598	228	501453	20.065	ng/ul	99
89) Di-n-octyl phthalate	22.620	149	559941	19.588	ng/ul	100
90) Benzo(b)fluoranthene	23.701	252	557694	19.360	ng/ul	99
91) Benzo(k)fluoranthene	23.766	252	536976	19.018	ng/ul	99
93) Benzo(a)pyrene	24.553	252	486967	19.099	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.284	276	652801	19.281	ng/ul	98
95) Dibenzo(a,h)anthracene	28.354	278	546462	19.573	ng/ul	99
96) Benzo(g,h,i)perylene	29.418	276	530398	19.179	ng/ul	99

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

