

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058151.D
 Acq On : 10 Jul 2023 21:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020507

Quant Time: Jul 11 01:59:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	42344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.779	136	192543	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.599	164	134206	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.342	188	310599	20.000	ng/u1	0.00
79) Chrysene-d12	21.602	240	274712	20.000	ng/u1	0.00
88) Perylene-d12	24.792	264	315824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	8842	7.312	ng/uL	0.00
4) Pyridine-d5	3.817	84	67064	18.268	ng/u1	0.00
7) Phenol-d5	7.131	99	84655	19.576	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	49257	18.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.501	132	58544	19.629	ng/u1	0.00
15) 4-Methylphenol-d8	8.676	113	64591	19.795	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	30777	19.612	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	34000	20.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	67236	21.250	ng/u1	0.00
31) 4-Chloroaniline-d4	10.915	131	91072	18.985	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	192809	18.208	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	230385	19.938	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	32567	17.408	ng/u1	0.00
60) Fluorene-d10	15.591	176	178391	19.837	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.709	200	27556	16.339	ng/u1	0.00
73) Anthracene-d10	17.442	188	287660	19.959	ng/u1	0.00
81) Pyrene-d10	19.728	212	324465	18.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.575	264	321433	19.977	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.441	88	10319	6.907	ng/uL	99
5) Pyridine	3.835	79	72444	19.259	ng/u1	96
6) Benzaldehyde	7.113	77	23603	16.344	ng/u1	98
8) Phenol	7.160	94	88501	20.168	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.389	93	63569	18.761	ng/u1	98
12) 2-Chlorophenol	7.536	128	61493	19.813	ng/u1	97
13) 2-Methylphenol	8.412	108	67479	19.580	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.494	45	96810	18.561	ng/u1	97
16) Acetophenone	8.794	105	108878	20.112	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.770	70	53786	18.585	ng/u1	95
18) 4-Methylphenol	8.741	108	73896	19.830	ng/u1	97
19) Hexachloroethane	9.052	117	21295	17.898	ng/u1	93
22) Nitrobenzene	9.175	77	80981	19.878	ng/u1	99
23) Isophorone	9.693	82	154625	17.788	ng/u1	98
25) 2-Nitrophenol	9.892	139	37268	21.058	ng/u1	95
26) 2,4-Dimethylphenol	9.945	107	77833	19.558	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.174	93	94027	19.195	ng/u1	98
29) 2,4-Dichlorophenol	10.421	162	63289	20.573	ng/u1	96
30) Naphthalene	10.826	128	215470	19.913	ng/u1	99
32) 4-Chloroaniline	10.938	127	94082	19.181	ng/u1	99
33) Hexachlorobutadiene	11.108	225	40583	18.634	ng/u1	97
34) Caprolactam	11.684	113	21861m	17.675	ng/u1	
35) 4-Chloro-3-methylphenol	12.054	107	76796	20.322	ng/u1	98
36) 2-Methylnaphthalene	12.430	142	146828	20.130	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058151.D
 Acq On : 10 Jul 2023 21:15
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020507

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

Quant Time: Jul 11 01:59:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	146563	20.037	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.795	216	84081	20.558	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	25133	9.756	ng/ul	96
41) 2,4,6-Trichlorophenol	13.036	196	57151	20.618	ng/ul	96
42) 2,4,5-Trichlorophenol	13.112	196	60721	20.255	ng/ul	97
43) 1,1'-Biphenyl	13.435	154	199257	20.603	ng/ul	99
44) 2-Chloronaphthalene	13.482	162	160481	20.675	ng/ul	97
45) 2-Nitroaniline	13.682	65	54176	20.075	ng/ul	95
47) Dimethylphthalate	14.046	163	199293	18.733	ng/ul	99
48) 2,6-Dinitrotoluene	14.176	165	43768	20.043	ng/ul	96
50) Acenaphthylene	14.328	152	249194	19.971	ng/ul	100
51) 3-Nitroaniline	14.505	138	33755	18.291	ng/ul	97
52) Acenaphthene	14.663	153	170329	19.893	ng/ul	96
53) 2,4-Dinitrophenol	14.716	184	15856	13.928	ng/ul	89
55) 4-Nitrophenol	14.810	109	24317	17.546	ng/ul	89
56) Dibenzofuran	14.998	168	246747	20.272	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	60221	19.464	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.227	232	51346	18.815	ng/ul	98
59) Diethylphthalate	15.409	149	196811	17.725	ng/ul	100
61) Fluorene	15.644	166	200298	20.056	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.638	204	106646	20.182	ng/ul	97
63) 4-Nitroaniline	15.662	138	21628m	13.083	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.727	198	28620	16.594	ng/ul	97
67) N-Nitrosodiphenylamine	15.850	169	168966	20.441	ng/ul	99
68) 4-Bromophenyl-phenylether	16.526	248	70189	20.587	ng/ul	99
69) Hexachlorobenzene	16.649	284	74085	19.408	ng/ul	98
70) Atrazine	16.796	200	61203	18.106	ng/ul	96
71) Pentachlorophenol	16.996	266	35091	15.313	ng/ul	95
72) Phenanthrene	17.384	178	315418	19.964	ng/ul	99
74) Anthracene	17.477	178	313612	19.615	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.406	216	90720	22.023	ng/uL	94
76) Pentachlorobenzene	14.916	250	93865	21.336	ng/uL	96
77) Carbazole	17.742	167	287391	19.875	ng/ul	100
78) Di-n-butylphthalate	18.294	149	336296	18.258	ng/ul	98
80) Fluoranthene	19.393	202	375641	18.737	ng/ul	100
82) Pyrene	19.757	202	377170	18.690	ng/ul	100
83) Butylbenzylphthalate	20.633	149	152039	18.579	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.496	252	144678	21.754	ng/ul	99
85) Benzo(a)anthracene	21.579	228	380799	19.306	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.479	149	212029	18.081	ng/ul	98
87) Chrysene	21.643	228	368018	19.903	ng/ul	98
89) Di-n-octyl phthalate	22.671	149	393870	20.297	ng/ul	100
90) Benzo(b)fluoranthene	23.776	252	383330	19.603	ng/ul	99
91) Benzo(k)fluoranthene	23.841	252	389395	20.316	ng/ul	99
93) Benzo(a)pyrene	24.640	252	348334	20.125	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.424	276	426894	18.574	ng/ul	97
95) Dibenzo(a,h)anthracene	28.494	278	369209	19.481	ng/ul	98
96) Benzo(g,h,i)perylene	29.569	276	329436m	17.548	ng/ul	

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

