

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058224.D
 Acq On : 14 Jul 2023 10:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020515

Quant Time: Jul 15 01:28:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	44479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	209264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.541	164	153847	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.285	188	371874	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	330279	20.000	ng/u1	0.00
88) Perylene-d12	24.682	264	412458	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	10166	8.003	ng/uL	0.00
4) Pyridine-d5	3.754	84	77159	20.009	ng/u1	0.00
7) Phenol-d5	7.068	99	95170	20.951	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.226	67	56429	20.614	ng/u1	0.00
11) 2-Chlorophenol-d4	7.432	132	64839	20.696	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	71646	20.903	ng/u1	0.00
21) Nitrobenzene-d5	9.065	128	34403	20.171	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	39141	21.835	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.329	165	75297	21.897	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	110947	21.280	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	238079	19.613	ng/u1	0.00
49) Acenaphthylene-d8	14.236	160	279255	21.082	ng/u1	0.00
54) 4-Nitrophenol-d4	14.747	143	39795	18.556	ng/u1	0.00
60) Fluorene-d10	15.534	176	216550	21.006	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	39999	19.808	ng/u1	0.00
73) Anthracene-d10	17.385	188	363931	21.090	ng/u1	0.00
81) Pyrene-d10	19.677	212	422769	20.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.465	264	432519	20.583	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	12083	7.700	ng/uL	97
5) Pyridine	3.772	79	81606	20.654	ng/u1	99
6) Benzaldehyde	7.038	77	28447	18.752	ng/u1	96
8) Phenol	7.091	94	99039	21.486	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.320	93	73018	20.516	ng/u1	98
12) 2-Chlorophenol	7.467	128	68151	20.904	ng/u1	97
13) 2-Methylphenol	8.343	108	77253	21.340	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.425	45	119554m	21.822	ng/u1	
16) Acetophenone	8.725	105	119188	20.959	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.701	70	63500	20.888	ng/u1	99
18) 4-Methylphenol	8.672	108	84909	21.691	ng/u1	96
19) Hexachloroethane	8.983	117	27200	21.763	ng/u1	98
22) Nitrobenzene	9.107	77	91636	20.696	ng/u1	97
23) Isophorone	9.624	82	192339	20.358	ng/u1	99
25) 2-Nitrophenol	9.817	139	42593	22.144	ng/u1	93
26) 2,4-Dimethylphenol	9.876	107	93843	21.696	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.111	93	105883	19.888	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	72930	21.813	ng/u1	94
30) Naphthalene	10.758	128	249046	21.177	ng/u1	99
32) 4-Chloroaniline	10.863	127	115608	21.686	ng/u1	96
33) Hexachlorobutadiene	11.034	225	50151	21.187	ng/u1	97
34) Caprolactam	11.615	113	27515	20.469	ng/u1	92
35) 4-Chloro-3-methylphenol	11.991	107	92140	22.435	ng/u1	98
36) 2-Methylnaphthalene	12.362	142	168539	21.260	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058224.D
 Acq On : 14 Jul 2023 10:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020515

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:28:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.585	142	172470	21.695	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.732	216	99959	21.321	ng/ul	100
40) Hexachlorocyclopentadiene	12.708	237	56656	19.185	ng/ul	98
41) 2,4,6-Trichlorophenol	12.973	196	68870	21.673	ng/ul	95
42) 2,4,5-Trichlorophenol	13.049	196	72315	21.043	ng/ul	98
43) 1,1'-Biphenyl	13.372	154	229464	20.697	ng/ul	99
44) 2-Chloronaphthalene	13.419	162	187933	21.121	ng/ul	98
45) 2-Nitroaniline	13.619	65	65599	21.204	ng/ul	98
47) Dimethylphthalate	13.989	163	242246	19.864	ng/ul	99
48) 2,6-Dinitrotoluene	14.118	165	51312	20.498	ng/ul	95
50) Acenaphthylene	14.265	152	303617	21.226	ng/ul	99
51) 3-Nitroaniline	14.447	138	39317	18.585	ng/ul	98
52) Acenaphthene	14.606	153	206070	20.994	ng/ul	96
53) 2,4-Dinitrophenol	14.659	184	27124	20.784	ng/ul	98
55) 4-Nitrophenol	14.759	109	30270	19.053	ng/ul	92
56) Dibenzofuran	14.941	168	294541	21.110	ng/ul	99
57) 2,4-Dinitrotoluene	14.906	165	75473	21.280	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.164	232	67172	21.471	ng/ul	96
59) Diethylphthalate	15.352	149	251616	19.768	ng/ul	100
61) Fluorene	15.587	166	241394	21.085	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	128488	21.211	ng/ul	97
63) 4-Nitroaniline	15.611	138	23294m	12.292	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	41812	20.248	ng/ul	96
67) N-Nitrosodiphenylamine	15.793	169	204154	20.628	ng/ul	99
68) 4-Bromophenyl-phenylether	16.474	248	87508	21.437	ng/ul	99
69) Hexachlorobenzene	16.592	284	99737	21.823	ng/ul	99
70) Atrazine	16.739	200	82524	20.391	ng/ul	94
71) Pentachlorophenol	16.939	266	56201	20.483	ng/ul	96
72) Phenanthrene	17.332	178	393185	20.786	ng/ul	98
74) Anthracene	17.420	178	401629	20.981	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.343	216	104487	21.186	ng/uL	98
76) Pentachlorobenzene	14.859	250	114815	21.798	ng/uL	98
77) Carbazole	17.691	167	363899	21.020	ng/ul	100
78) Di-n-butylphthalate	18.243	149	455595	20.659	ng/ul	99
80) Fluoranthene	19.342	202	483644	20.066	ng/ul	99
82) Pyrene	19.706	202	488201	20.122	ng/ul	100
83) Butylbenzylphthalate	20.587	149	202984	20.632	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	178852	22.368	ng/ul	100
85) Benzo(a)anthracene	21.521	228	498457	21.019	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	300727	21.330	ng/ul	99
87) Chrysene	21.586	228	468290	21.065	ng/ul	99
89) Di-n-octyl phthalate	22.602	149	526659	20.782	ng/ul	100
90) Benzo(b)fluoranthene	23.684	252	511334	20.022	ng/ul	98
91) Benzo(k)fluoranthene	23.748	252	519524	20.754	ng/ul	100
93) Benzo(a)pyrene	24.536	252	459965	20.349	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.266	276	622766	20.748	ng/ul	99
95) Dibenzo(a,h)anthracene	28.313	278	514578	20.790	ng/ul	98
96) Benzo(g,h,i)perylene	29.383	276	491574	20.050	ng/ul	99

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

