

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053945.D
 Acq On : 20 Jun 2022 12:47
 Operator : CG/JU
 Sample : SST02030
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020430

Quant Time: Jun 20 14:09:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 14:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	17337	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	71951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.705	164	55187	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.443	188	151860	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.720	240	177684	20.000	ng/u1	# 0.00
88) Perylene-d12	24.981	264	184268	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.506	96	2936	6.405	ng/uL	0.00
4) Pyridine-d5	3.917	84	19929	19.720	ng/u1	0.00
7) Phenol-d5	7.231	99	25057	19.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	16164	18.967	ng/u1	0.00
11) 2-Chlorophenol-d4	7.607	132	20751	19.795	ng/u1	0.00
15) 4-Methylphenol-d8	8.776	113	22085	20.222	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	10634	24.724	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	10841	25.395	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	25450	21.951	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	31533	19.825	ng/u1	0.00
46) Dimethylphthalate-d6	14.099	166	89579	21.123	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	95419	20.136	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	11802	20.240	ng/u1	0.00
60) Fluorene-d10	15.692	176	78835	21.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	15730	25.907	ng/u1	0.00
73) Anthracene-d10	17.542	188	140834	20.532	ng/u1	0.00
81) Pyrene-d10	19.828	212	193218	20.431	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	189105	20.520	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.541	88	3403	7.058	ng/uL#	84
5) Pyridine	3.935	79	20715	19.385	ng/u1	94
6) Benzaldehyde	7.213	77	15858	22.836	ng/u1	96
8) Phenol	7.254	94	26584	18.837	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.495	93	20578	19.040	ng/u1	88
12) 2-Chlorophenol	7.642	128	21344	19.895	ng/u1	97
13) 2-Methylphenol	8.512	108	20635	19.034	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.606	45	30823	16.969	ng/u1	97
16) Acetophenone	8.900	105	34896	20.458	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.882	70	17827	18.724	ng/u1#	94
18) 4-Methylphenol	8.841	108	22798	19.894	ng/u1	90
19) Hexachloroethane	9.170	117	9114	20.040	ng/u1	94
22) Nitrobenzene	9.276	77	25459	22.697	ng/u1	92
23) Isophorone	9.804	82	49678	18.780	ng/u1	98
25) 2-Nitrophenol	9.998	139	11881	26.155	ng/u1#	83
26) 2,4-Dimethylphenol	10.051	107	26128	19.053	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.286	93	28151	18.507	ng/u1#	98
29) 2,4-Dichlorophenol	10.533	162	25811	22.448	ng/u1	95
30) Naphthalene	10.938	128	72017	19.776	ng/u1	96
32) 4-Chloroaniline	11.038	127	31335	19.995	ng/u1	97
33) Hexachlorobutadiene	11.226	225	24261	25.424	ng/u1	96
34) Caprolactam	11.790	113	7655m	23.787	ng/u1	
35) 4-Chloro-3-methylphenol	12.155	107	24221	19.963	ng/u1	98
36) 2-Methylnaphthalene	12.537	142	53182	20.676	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
 Data File : BG053945.D
 Acq On : 20 Jun 2022 12:47
 Operator : CG/JU
 Sample : SST02030
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020430

Quant Time: Jun 20 14:09:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 14:06:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.754	142	52222	20.407	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.907	216	45397	23.517	ng/ul	99
40) Hexachlorocyclopentadiene	12.889	237	23061	17.572	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.136	196	23439	21.309	ng/ul	87
42) 2,4,5-Trichlorophenol	13.206	196	27021	22.838	ng/ul	97
43) 1,1'-Biphenyl	13.541	154	78741	19.724	ng/ul	98
44) 2-Chloronaphthalene	13.582	162	64422	20.717	ng/ul	98
45) 2-Nitroaniline	13.776	65	16788	25.393	ng/ul	97
47) Dimethylphthalate	14.146	163	86047	21.191	ng/ul	98
48) 2,6-Dinitrotoluene	14.264	165	17656	29.798	ng/ul	93
50) Acenaphthylene	14.423	152	99793	19.644	ng/ul	99
51) 3-Nitroaniline	14.593	138	14474	25.511	ng/ul#	88
52) Acenaphthene	14.769	153	65948	19.559	ng/ul	97
53) 2,4-Dinitrophenol	14.799	184	6197	19.824	ng/ul#	75
55) 4-Nitrophenol	14.893	109	11775	21.398	ng/ul	92
56) Dibenzofuran	15.098	168	102001	20.915	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	25157	30.394	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.321	232	23028	21.967	ng/ul	93
59) Diethylphthalate	15.509	149	84962	20.222	ng/ul	98
61) Fluorene	15.750	166	82714	20.697	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	52219	23.290	ng/ul	98
63) 4-Nitroaniline	15.750	138	14581	26.622	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.821	198	14900	26.385	ng/ul#	93
67) N-Nitrosodiphenylamine	15.950	169	75710	18.258	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	38041	22.590	ng/ul	93
69) Hexachlorobenzene	16.755	284	44305	24.367	ng/ul#	93
70) Atrazine	16.890	200	37103	20.284	ng/ul	98
71) Pentachlorophenol	17.096	266	17055	15.783	ng/ul	94
72) Phenanthrene	17.490	178	155736	19.878	ng/ul	97
74) Anthracene	17.578	178	154856	19.370	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.506	216	49273	20.516	ng/ul	93
76) Pentachlorobenzene	15.022	250	47770	22.145	ng/ul	95
77) Carbazole	17.842	167	131566	18.879	ng/ul	98
78) Di-n-butylphthalate	18.406	149	147415	16.918	ng/ul	99
80) Fluoranthene	19.493	202	212887	19.365	ng/ul#	93
82) Pyrene	19.857	202	213139	19.560	ng/ul#	93
83) Butylbenzylphthalate	20.739	149	62619	15.791	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.614	252	77827	19.686	ng/ul#	96
85) Benzo(a)anthracene	21.702	228	224963	20.024	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	90851	15.602	ng/ul#	95
87) Chrysene	21.767	228	212838	19.820	ng/ul	99
89) Di-n-octyl phthalate	22.836	149	157853	15.745	ng/ul	100
90) Benzo(b)fluoranthene	23.941	252	230421	19.932	ng/ul#	97
91) Benzo(k)fluoranthene	24.017	252	224090	20.352	ng/ul#	98
93) Benzo(a)pyrene	24.828	252	223753	20.040	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.700	276	266677	20.822	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.765	278	227260	20.665	ng/ul#	97
96) Benzo(g,h,i)perylene	29.857	276	225728	20.896	ng/ul#	94

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

