

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
 Data File : BG059502.D
 Acq On : 20 Oct 2023 14:21
 Operator : MA/JU
 Sample : 03573-02
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT3-2023-06

Quant Time: Oct 21 00:14:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 03:52:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/23/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	38590	20.000	ng/ul	0.00
20) Naphthalene-d8	11.028	136	185914	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.830	164	121910	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.573	188	277089	20.000	ng/ul	0.00
79) Chrysene-d12	21.868	240	268238	20.000	ng/ul	0.00
88) Perylene-d12	25.306	264	304778	20.000	ng/ul	0.00

10/23/2023

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	7786	6.365	ng/uL	0.00
4) Pyridine-d5	3.913	84	129156	30.747	ng/ul	0.00
7) Phenol-d5	7.315	99	108387	28.186	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	66842	30.325	ng/ul	0.00
11) 2-Chlorophenol-d4	7.703	132	82058	26.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.884	113	81614	24.636	ng/ul	0.00
21) Nitrobenzene-d5	9.389	128	41615	22.937	ng/ul	0.00
24) 2-Nitrophenol-d4	10.106	143	42031	23.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.635	165	75647	22.896	ng/ul	0.00
31) 4-Chloroaniline-d4	11.175	131	144208m	29.394	ng/ul	0.00
46) Dimethylphthalate-d6	14.224	166	256271	21.648	ng/ul	0.00
49) Acenaphthylene-d8	14.530	160	308522	22.638	ng/ul	0.00
54) 4-Nitrophenol-d4	15.018	143	43959	22.637	ng/ul	0.00
60) Fluorene-d10	15.817	176	243002	24.039	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	41093	22.051	ng/ul	0.00
73) Anthracene-d10	17.673	188	353331	23.156	ng/ul	0.00
81) Pyrene-d10	19.947	212	440565	25.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.071	264	448157	25.696	ng/ul	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.508	88	1585	1.139 ng/uL#	55
5) Pyridine	3.931	79	17693	4.066 ng/ul#	41
6) Benzaldehyde	7.332	77	11951	6.903 ng/ul#	88
8) Phenol	7.344	94	17578	4.623 ng/ul	97
10) Bis(2-Chloroethyl)ether	7.603	93	14241	4.339 ng/ul#	82
12) 2-Chlorophenol	7.738	128	12977	4.190 ng/ul#	71
13) 2-Methylphenol	8.619	108	11843	3.665 ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.707	45	30963m	4.234 ng/ul	
16) Acetophenone	9.031	105	20313	4.062 ng/ul#	84
17) N-Nitroso-di-n-propyla...	8.995	70	10292	3.961 ng/ul#	97
18) 4-Methylphenol	8.948	108	13082	3.745 ng/ul	97
19) Hexachloroethane	9.271	117	4800	3.767 ng/ul#	81
22) Nitrobenzene	9.430	77	14610	3.498 ng/ul	95
23) Isophorone	9.935	82	29961	3.740 ng/ul	95
25) 2-Nitrophenol	10.135	139	7056	3.754 ng/ul#	91
26) 2,4-Dimethylphenol	10.164	107	11204	3.138 ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.423	93	20583	4.134 ng/ul	99
29) 2,4-Dichlorophenol	10.652	162	14081	4.240 ng/ul#	91
30) Naphthalene	11.081	128	45963	3.934 ng/ul#	94
32) 4-Chloroaniline	11.204	127	25148	5.403 ng/ul#	83
33) Hexachlorobutadiene	11.310	225	9459	4.441 ng/ul	87
34) Caprolactam	11.986	113	5643m	5.422 ng/ul	
35) 4-Chloro-3-methylphenol	12.280	107	17992	5.512 ng/ul	94
36) 2-Methylnaphthalene	12.673	142	38860	5.040 ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102023\
 Data File : BG059502.D
 Acq On : 20 Oct 2023 14:21
 Operator : MA/JU
 Sample : 03573-02
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT3-2023-06

Quant Time: Oct 21 00:14:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 03:52:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/23/2023
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.891	142	36511	4.646	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.014	216	16158	3.934	ng/ul#	91
40) Hexachlorocyclopentadiene	12.967	237	7979	3.485	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.255	196	8575	3.401	ng/ul#	74
42) 2,4,5-Trichlorophenol	13.331	196	9888m	3.429	ng/ul	
43) 1,1'-Biphenyl	13.666	154	43397	3.799	ng/ul#	97
44) 2-Chloronaphthalene	13.713	162	33752	3.758	ng/ul	99
45) 2-Nitroaniline	13.937	65	8470m	2.893	ng/ul	
47) Dimethylphthalate	14.271	163	42255	3.615	ng/ul#	96
48) 2,6-Dinitrotoluene	14.418	165	6979	3.033	ng/ul	94
50) Acenaphthylene	14.559	152	54808	3.735	ng/ul#	94
51) 3-Nitroaniline	14.759	138	8256	3.723	ng/ul#	46
52) Acenaphthene	14.894	153	37671	3.984	ng/ul	93
53) 2,4-Dinitrophenol	14.953	184	7005	6.002	ng/ul	96
55) 4-Nitrophenol	15.035	109	4962	3.687	ng/ul	92
56) Dibenzofuran	15.223	168	47433	3.720	ng/ul	93
57) 2,4-Dinitrotoluene	15.194	165	11224	3.565	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.435	232	8742	3.384	ng/ul#	97
59) Diethylphthalate	15.611	149	41137	3.857	ng/ul#	94
61) Fluorene	15.870	166	40434	3.789	ng/ul	86
62) 4-Chlorophenyl-phenyle...	15.852	204	21810	4.006	ng/ul	96
63) 4-Nitroaniline	15.911	138	9419m	4.386	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.946	198	7441	3.765	ng/ul#	81
67) N-Nitrosodiphenylamine	16.075	169	33468	3.909	ng/ul	89
68) 4-Bromophenyl-phenylether	16.757	248	13226	4.232	ng/ul#	84
69) Hexachlorobenzene	16.839	284	14445	4.080	ng/ul#	88
70) Atrazine	17.004	200	13674	4.479	ng/ul	95
71) Pentachlorophenol	17.203	266	10515	5.289	ng/ul#	90
72) Phenanthrene	17.615	178	71014m	3.927	ng/ul	
74) Anthracene	17.709	178	71552	3.844	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.625	216	16377	4.017	ng/ul#	91
76) Pentachlorobenzene	15.118	250	18230	4.566	ng/ul	93
77) Carbazole	17.985	167	60955	4.085	ng/ul	95
78) Di-n-butylphthalate	18.490	149	68897	3.783	ng/ul	98
80) Fluoranthene	19.612	202	85676	3.947	ng/ul	97
82) Pyrene	19.977	202	88770	3.880	ng/ul	97
83) Butylbenzylphthalate	20.828	149	29867	3.761	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.763	252	34002	4.725	ng/ul	96
85) Benzo(a)anthracene	21.839	228	86567	3.899	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.675	149	43605	3.764	ng/ul	97
87) Chrysene	21.915	228	81312	3.918	ng/ul	96
89) Di-n-octyl phthalate	22.949	149	73577	3.996	ng/ul	100
90) Benzo(b)fluoranthene	24.189	252	86620	3.992	ng/ul	97
91) Benzo(k)fluoranthene	24.260	252	87916m	3.919	ng/ul	
93) Benzo(a)pyrene	25.135	252	83117	4.021	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.266	276	91377m	3.883	ng/ul	
95) Dibenzo(a,h)anthracene	29.336	278	76978m	4.023	ng/ul	
96) Benzo(g,h,i)perylene	30.517	276	75625m	3.827	ng/ul	

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

