

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022422\
 Data File : BG052476.D
 Acq On : 24 Feb 2022 13:41
 Operator : CG/JU
 Sample : N1331-01
 Misc : SFAM-MDL-WATER01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 24 14:37:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	25365	20.000	ng/ul	0.00
20) Naphthalene-d8	11.069	136	103842	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.870	164	76017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.619	188	198730	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.931	240	210909	20.000	ng/ul	# 0.00
88) Perylene-d12	25.397	264	212263	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.550	96	2225	3.441	ng/uL	0.00
4) Pyridine-d5	3.985	84	23594	12.095	ng/ul	0.00
7) Phenol-d5	7.374	99	36031	14.980	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.539	67	23640	16.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.762	132	26514	15.695	ng/ul	0.01
15) 4-Methylphenol-d8	8.937	113	28077	15.003	ng/ul	0.00
21) Nitrobenzene-d5	9.407	128	14064	15.887	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	15305	15.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.687	165	27962	15.464	ng/ul	0.01
31) 4-Chloroaniline-d4	11.198	131	37954	15.146	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	104289	16.876	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	123320	16.165	ng/ul	0.00
54) 4-Nitrophenol-d4	15.064	143	14990	15.259	ng/ul	0.00
60) Fluorene-d10	15.863	176	92897	17.112	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.974	200	16091	12.770	ng/ul	0.00
73) Anthracene-d10	17.719	188	160554	16.723	ng/ul	0.00
81) Pyrene-d10	19.998	212	197569	16.009	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.156	264	200192	17.580	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.585	88	960	1.276	ng/uL#	92
5) Pyridine	4.014	79	8557m	4.345	ng/ul	
6) Benzaldehyde	7.357	77	6435	4.711	ng/ul	91
8) Phenol	7.404	94	10155	4.174	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.639	93	8408	4.673	ng/ul#	81
12) 2-Chlorophenol	7.797	128	7487	4.254	ng/ul#	91
13) 2-Methylphenol	8.672	108	7236	3.929	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.755	45	11077	4.498	ng/ul	98
16) Acetophenone	9.060	105	13174	4.569	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.037	70	7061	4.160	ng/ul#	95
18) 4-Methylphenol	9.001	108	7968	4.069	ng/ul	79
19) Hexachloroethane	9.330	117	2808	4.081	ng/ul	90
22) Nitrobenzene	9.448	77	10498	4.626	ng/ul#	95
23) Isophorone	9.971	82	19267	4.401	ng/ul	98
25) 2-Nitrophenol	10.170	139	4438	4.355	ng/ul#	87
26) 2,4-Dimethylphenol	10.223	107	8789	4.194	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.452	93	10787	4.552	ng/ul	97
29) 2,4-Dichlorophenol	10.717	162	6871	4.017	ng/ul#	85
30) Naphthalene	11.116	128	26301	4.553	ng/ul#	95
32) 4-Chloroaniline	11.222	127	11798	4.590	ng/ul	90
33) Hexachlorobutadiene	11.410	225	6025	4.464	ng/ul	91
34) Caprolactam	11.980	113	2486m	3.907	ng/ul	
35) 4-Chloro-3-methylphenol	12.338	107	7809	4.087	ng/ul	99
36) 2-Methylnaphthalene	12.714	142	19669	4.751	ng/ul	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022422\
 Data File : BG052476.D
 Acq On : 24 Feb 2022 13:41
 Operator : CG/JU
 Sample : N1331-01
 Misc : SFAM-MDL-WATER01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 24 14:37:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.931	142	19732	4.684	ng/ul	86
39) 1,2,4,5-Tetrachloroben...	13.078	216	11151	4.180	ng/ul	87
40) Hexachlorocyclopentadiene	13.061	237	5587	4.326	ng/ul	97
41) 2,4,6-Trichlorophenol	13.319	196	5963m	3.727	ng/ul	
42) 2,4,5-Trichlorophenol	13.401	196	7234m	4.242	ng/ul	
43) 1,1'-Biphenyl	13.707	154	27744	4.590	ng/ul#	94
44) 2-Chloronaphthalene	13.760	162	20779	4.520	ng/ul	94
45) 2-Nitroaniline	13.948	65	5971	3.977	ng/ul	99
47) Dimethylphthalate	14.306	163	28345	4.692	ng/ul#	99
48) 2,6-Dinitrotoluene	14.435	165	5444	4.115	ng/ul#	91
50) Acenaphthylene	14.594	152	34249	4.493	ng/ul	99
51) 3-Nitroaniline	14.770	138	4263	3.957	ng/ul	97
52) Acenaphthene	14.935	153	22630	4.514	ng/ul	94
53) 2,4-Dinitrophenol	14.982	184	2592	3.963	ng/ul#	84
55) 4-Nitrophenol	15.081	109	3500m	3.674	ng/ul	
56) Dibenzofuran	15.269	168	33715	4.678	ng/ul	95
57) 2,4-Dinitrotoluene	15.222	165	7937	4.142	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.504	232	6106m	3.951	ng/ul	
59) Diethylphthalate	15.663	149	29249	4.790	ng/ul	96
61) Fluorene	15.916	166	28881	4.764	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.898	204	15310	4.640	ng/ul	99
63) 4-Nitroaniline	15.933	138	4088	3.952	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.992	198	4336	3.551	ng/ul#	91
67) N-Nitrosodiphenylamine	16.109	169	24586	4.391	ng/ul	98
68) 4-Bromophenyl-phenylether	16.797	248	10297	4.317	ng/ul#	85
69) Hexachlorobenzene	16.932	284	12429	4.541	ng/ul#	85
70) Atrazine	17.049	200	10226	4.144	ng/ul#	85
71) Pentachlorophenol	17.284	266	5399m	4.380	ng/ul	
72) Phenanthrene	17.660	178	49550	4.629	ng/ul	97
74) Anthracene	17.754	178	50475	4.685	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.677	216	12837	4.083	ng/ul	94
76) Pentachlorobenzene	15.193	250	13322	4.439	ng/ul	94
77) Carbazole	18.019	167	43391	4.535	ng/ul	98
78) Di-n-butylphthalate	18.559	149	49907	4.386	ng/ul	98
80) Fluoranthene	19.663	202	65008	4.462	ng/ul#	90
82) Pyrene	20.028	202	68028	4.702	ng/ul#	91
83) Butylbenzylphthalate	20.891	149	21718	4.152	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.819	252	19101	4.100	ng/ul#	96
85) Benzo(a)anthracene	21.913	228	66288	4.638	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.790	149	29629	4.041	ng/ul#	96
87) Chrysene	21.984	228	64782	4.728	ng/ul	96
89) Di-n-octyl phthalate	23.082	149	49782	4.056	ng/ul	100
90) Benzo(b)fluoranthene	24.287	252	64964	4.390	ng/ul#	94
91) Benzo(k)fluoranthene	24.363	252	61408	4.499	ng/ul#	96
93) Benzo(a)pyrene	25.227	252	61728	4.434	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.391	276	70416m	4.448	ng/ul	
95) Dibenzo(a,h)anthracene	29.450	278	60672m	4.490	ng/ul	
96) Benzo(g,h,i)perylene	30.631	276	59363m	4.466	ng/ul	

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

