

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038382.D
 Acq On : 06 Jan 2023 10:42
 Operator : CG/JU
 Sample : N5388-02
 Misc : SFAM-MDL-W-02-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Jan 06 11:12:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	63113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	241654	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	152017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	350705	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	387699	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	483335	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	9341	4.800	ng/uL	0.00
4) Pyridine-d5	3.799	84	81040	14.393	ng/u1	0.00
7) Phenol-d5	7.157	99	105416	18.335	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	77220	18.670	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	77115	18.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	75073	16.916	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	34485	18.189	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	38625	17.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	73124	17.611	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	92475	16.139	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	209185	18.170	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	236025	17.592	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	30400	14.668	ng/u1	0.00
60) Fluorene-d10	15.621	176	188055	17.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	38975	15.334	ng/u1	0.00
73) Anthracene-d10	17.468	188	306376	18.110	ng/u1	0.00
81) Pyrene-d10	19.756	212	385097	17.850	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	435057	18.123	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	2815m	1.355	ng/uL	
5) Pyridine	3.822	79	22565	3.794	ng/u1#	69
6) Benzaldehyde	7.145	77	14037m	5.939	ng/u1	
8) Phenol	7.187	94	24276	4.002	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.422	93	19816	4.080	ng/u1	99
12) 2-Chlorophenol	7.563	128	17796	4.183	ng/u1	97
13) 2-Methylphenol	8.445	108	15321	3.536	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.539	45	29770m	3.865	ng/u1	
16) Acetophenone	8.834	105	28601	3.642	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.810	70	16495	3.899	ng/u1	99
18) 4-Methylphenol	8.781	108	17022	3.611	ng/u1	93
19) Hexachloroethane	9.075	117	8186	4.132	ng/u1	96
22) Nitrobenzene	9.210	77	26544	4.245	ng/u1	93
23) Isophorone	9.739	82	41126	3.836	ng/u1	99
25) 2-Nitrophenol	9.928	139	8834	3.944	ng/u1	92
26) 2,4-Dimethylphenol	9.981	107	19776	3.777	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	23841	3.887	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	15605	3.865	ng/u1	99
30) Naphthalene	10.863	128	51607	4.004	ng/u1	99
32) 4-Chloroaniline	10.980	127	20275	3.473	ng/u1	99
33) Hexachlorobutadiene	11.133	225	12254	4.076	ng/u1	95
34) Caprolactam	11.780	113	4238m	3.677	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	15268	3.554	ng/u1	98
36) 2-Methylnaphthalene	12.463	142	31365	3.733	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038382.D
 Acq On : 06 Jan 2023 10:42
 Operator : CG/JU
 Sample : N5388-02
 Misc : SFAM-MDL-W-02-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Jan 06 11:12:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	28699	3.301	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	20722	3.855	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	16129	4.249	ng/ul	98
41) 2,4,6-Trichlorophenol	13.074	196	12140	3.639	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	13270	3.712	ng/ul	89
43) 1,1'-Biphenyl	13.469	154	43317	3.770	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	34919	3.722	ng/ul	97
45) 2-Nitroaniline	13.727	65	10384	3.309	ng/ul	92
47) Dimethylphthalate	14.086	163	45601	3.903	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	7774	3.495	ng/ul	92
50) Acenaphthylene	14.357	152	56022	3.936	ng/ul	99
51) 3-Nitroaniline	14.545	138	6746m	3.293	ng/ul	
52) Acenaphthene	14.692	153	37956	3.769	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	7116	4.279	ng/ul#	85
55) 4-Nitrophenol	14.845	109	7473	3.445	ng/ul	95
56) Dibenzofuran	15.027	168	55239	3.859	ng/ul	92
57) 2,4-Dinitrotoluene	15.004	165	11808	3.628	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.251	232	12013	3.762	ng/ul#	95
59) Diethylphthalate	15.439	149	46689	3.856	ng/ul	97
61) Fluorene	15.674	166	45391	3.694	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.663	204	24689	3.817	ng/ul	98
63) 4-Nitroaniline	15.704	138	7594m	3.874	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	10113	4.152	ng/ul#	84
67) N-Nitrosodiphenylamine	15.880	169	37156	3.716	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	13698	3.687	ng/ul#	83
69) Hexachlorobenzene	16.674	284	16664	3.889	ng/ul	94
70) Atrazine	16.827	200	15828	3.829	ng/ul	94
71) Pentachlorophenol	17.021	266	10916	3.860	ng/ul	97
72) Phenanthrene	17.415	178	70735	3.697	ng/ul	99
74) Anthracene	17.504	178	72394	3.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	18714	3.536	ng/ul	98
76) Pentachlorobenzene	14.945	250	17398	3.411	ng/ul	91
77) Carbazole	17.780	167	59878	3.319	ng/ul	99
78) Di-n-butylphthalate	18.327	149	79170	3.673	ng/ul	98
80) Fluoranthene	19.421	202	86651	3.551	ng/ul	98
82) Pyrene	19.786	202	97955	3.684	ng/ul	100
83) Butylbenzylphthalate	20.668	149	35106	3.443	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	27838	3.443	ng/ul	95
85) Benzo(a)anthracene	21.527	228	102955	3.731	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	54774	3.480	ng/ul	97
87) Chrysene	21.580	228	99974	3.772	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	103214	2.985	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	110498	3.613	ng/ul	98
91) Benzo(k)fluoranthene	23.274	252	109883m	3.578	ng/ul	
93) Benzo(a)pyrene	23.862	252	104035	3.759	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	137499	3.909	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	113809	3.877	ng/ul	98
96) Benzo(g,h,i)perylene	27.291	276	111841	3.883	ng/ul	98

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

