

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079885.D
 Acq On : 04 Nov 2023 08:18
 Operator : JC\MD
 Sample : 05223-21MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-18-20231030MS

Quant Time: Nov 06 00:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	292260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	522364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	478639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266255	59.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.600%			
35) Dibromofluoromethane	8.171	113	208596	56.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.840%			
50) Toluene-d8	10.571	98	773639	56.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.680%#			
62) 4-Bromofluorobenzene	12.853	95	256771	56.885	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	173635	49.323	ug/l	98
3) Chloromethane	2.360	50	212107	48.353	ug/l	97
4) Vinyl Chloride	2.512	62	289072	62.731	ug/l	100
5) Bromomethane	2.948	94	142939	51.052	ug/l	98
6) Chloroethane	3.118	64	177718	48.809	ug/l	98
7) Trichlorofluoromethane	3.501	101	401863	70.116	ug/l	99
8) Diethyl Ether	3.965	74	155602	71.542	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	217696	65.521	ug/l	98
10) Methyl Iodide	4.589	142	262557	69.200	ug/l	97
11) Tert butyl alcohol	5.518	59	178308	313.700	ug/l	99
12) 1,1-Dichloroethene	4.342	96	223340	70.995	ug/l #	82
13) Acrolein	4.183	56	181723	539.197	ug/l	97
14) Allyl chloride	5.024	41	345678	71.743	ug/l #	91
15) Acrylonitrile	5.718	53	655541	370.082	ug/l	100
16) Acetone	4.424	43	494625	316.247	ug/l	98
17) Carbon Disulfide	4.712	76	619554	68.276	ug/l	100
18) Methyl Acetate	5.024	43	484079	64.692	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	762488	70.400	ug/l	96
20) Methylene Chloride	5.277	84	274934	69.665	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	249306	71.057	ug/l #	78
22) Diisopropyl ether	6.671	45	648828	58.107	ug/l #	88
23) Vinyl Acetate	6.606	43	1552870	252.125	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	374047	55.115	ug/l	99
25) 2-Butanone	7.483	43	609660	266.189	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	222955	39.722	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	218739	52.120	ug/l	88
28) Bromochloromethane	7.812	49	185948	56.221	ug/l #	72
29) Tetrahydrofuran	7.836	42	421644	282.961	ug/l #	73
30) Chloroform	7.971	83	384606	52.171	ug/l	95
31) Cyclohexane	8.259	56	298062	50.658	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	336415	56.007	ug/l	94
36) 1,1-Dichloropropene	8.371	75	283089	53.628	ug/l	95
37) Ethyl Acetate	7.565	43	236919	48.937	ug/l #	91
38) Carbon Tetrachloride	8.365	117	281306	52.876	ug/l	98
39) Methylcyclohexane	9.600	83	250938	50.512	ug/l #	86
40) Benzene	8.606	78	839024	53.066	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079885.D
 Acq On : 04 Nov 2023 08:18
 Operator : JC\MD
 Sample : 05223-21MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-18-20231030MS

Quant Time: Nov 06 00:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	145364	56.543	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	313027	56.679	ug/l	97
43) Isopropyl Acetate	8.688	43	402408	47.397	ug/l #	92
44) Trichloroethene	9.353	130	540154	137.677	ug/l	98
45) 1,2-Dichloropropane	9.624	63	226718	56.111	ug/l	100
46) Dibromomethane	9.712	93	146679	53.165	ug/l	96
47) Bromodichloromethane	9.888	83	304897	51.819	ug/l	97
48) Methyl methacrylate	9.683	41	207409	55.773	ug/l #	78
49) 1,4-Dioxane	9.694	88	61780	940.179	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1332334	278.737	ug/l	89
52) Toluene	10.635	92	512776	54.706	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	294402	51.039	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	316671	50.368	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	198287	52.595	ug/l	94
56) Ethyl methacrylate	10.877	69	290606	54.040	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	362035	54.479	ug/l	99
59) 2-Hexanone	11.194	43	946891	258.953	ug/l	88
60) Dibromochloromethane	11.359	129	219409	54.369	ug/l	97
61) 1,2-Dibromoethane	11.471	107	197652	52.233	ug/l	96
64) Tetrachloroethene	11.106	164	177612	57.296	ug/l	98
65) Chlorobenzene	11.894	112	529029	50.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	200738	53.662	ug/l	97
67) Ethyl Benzene	11.965	91	976754	53.997	ug/l	96
68) m/p-Xylenes	12.071	106	720550	106.930	ug/l	94
69) o-Xylene	12.400	106	350569	54.027	ug/l	94
70) Styrene	12.412	104	590078	56.586	ug/l	98
71) Bromoform	12.582	173	140008	52.709	ug/l #	99
73) Isopropylbenzene	12.700	105	871385	51.035	ug/l	99
74) N-amyl acetate	12.494	43	320172	42.960	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	281257	46.459	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	253376m	47.972	ug/l	
77) Bromobenzene	12.982	156	209238	50.054	ug/l	94
78) n-propylbenzene	13.035	91	1026996	52.524	ug/l	98
79) 2-Chlorotoluene	13.129	91	635979	50.916	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	715714	53.876	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	90025	46.374	ug/l #	82
82) 4-Chlorotoluene	13.224	91	628996	50.675	ug/l	98
83) tert-Butylbenzene	13.441	119	580463	53.381	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	711993	54.475	ug/l	100
85) sec-Butylbenzene	13.618	105	810616	53.806	ug/l	99
86) p-Isopropyltoluene	13.729	119	669704	54.523	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	378954	48.731	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	369358	46.794	ug/l	100
89) n-Butylbenzene	14.059	91	538714	50.922	ug/l	99
90) Hexachloroethane	14.335	117	125685	51.668	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	359734	49.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50912	49.592	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	163585	46.865	ug/l	97
94) Hexachlorobutadiene	15.506	225	73014	46.142	ug/l	99
95) Naphthalene	15.641	128	477264	40.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	158272	46.257	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
Data File : VN079885.D
Acq On : 04 Nov 2023 08:18
Operator : JC\MD
Sample : 05223-21MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-18-20231030MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 00:29:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

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

