

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068564.D
 Acq On : 20 Sep 2021 19:10
 Operator : JC/MD
 Sample : M3781-06DL 2X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW180D1-20210915DL

Manual Integrations
 APPROVED

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 9/21/2021 7:01:29 PM

Quant Time: Sep 21 07:29:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	454441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	644590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	567359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225299	54.047	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 108.100%		
35) Dibromofluoromethane	8.027	113	205539	52.869	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 105.740%		
50) Toluene-d8	10.446	98	759766	47.817	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 95.640%		
62) 4-Bromofluorobenzene	12.734	95	220589	42.637	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 85.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	1653	0.446	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.224	101	3932m	1.008	ug/l	
12) 1,1-Dichloroethene	4.191	96	2148	0.602	ug/l #	69
20) Methylene Chloride	5.095	84	9921	1.204	ug/l #	90
27) cis-1,2-Dichloroethene	7.329	96	2260	0.472	ug/l	83
30) Chloroform	7.818	83	3302m	0.419	ug/l	
44) Trichloroethene	9.220	130	317532	63.046	ug/l	94
78) n-propylbenzene	12.924	91	5288	0.330	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	3873	0.328	ug/l	100
89) n-Butylbenzene	13.946	91	6381	0.699	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	4188	0.596	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	5349	4.222	ug/l	95
95) Naphthalene	15.507	128	15015	5.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	5956	4.464	ug/l	96

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

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Chromatogram plot showing Abundance vs Time (min). The Y-axis (Abundance) ranges from 0 to 1,200,000. The X-axis (Time) ranges from 2.00 to 16.00 minutes. Key peaks are labeled with compound names and their retention times.

Compound Name	Retention Time (min)
Dichlorodifluoromethane, T	2.00
1,1,1-Trichloroethane, C	4.00
1,1,1-Trichloroethane, G	4.00
1,1,1-Trichloroethane, T	4.00
Methylene Chloride, T	5.00
cis-1,2-Dichloroethene, T	7.50
Chloroform, C	8.00
Dibromofluoromethane, S	8.00
Pentafluorobenzene, I	8.00
1,2-Dichloroethane-d4, S	8.50
1,4-Difluorobenzene, I	9.00
Trichloroethene, TM	9.50
Toluene-d8, S	10.50
Chlorobenzene-d5, I	11.50
4-Bromofluorobenzene, S	12.50
n-propylbenzene, T	13.00
1,2,4-Trimethylbenzene, T	13.50
1,2-Dichlorobenzene, T	13.50
1,4-Dichlorobenzene-d4, I	13.50
1,2-Dichlorobenzene, T	13.50
1,2,4-Trichlorobenzene, T	15.00
Naphthalene, T	15.50
1,2,3-Trichlorobenzene, T	15.50