

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069808.D
 Acq On : 7 Dec 2021 12:26
 Operator : JC/MD
 Sample : M4956-08 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:33:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1314353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2323073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2457640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	958705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	995661	49.063	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.120%		
35) Dibromofluoromethane	8.021	113	687748	47.264	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.520%		
50) Toluene-d8	10.440	98	3004657	51.425	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.731	95	1156984	54.659	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.320%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.213	101	15920m	1.225	ug/l	
12) 1,1-Dichloroethene	4.181	96	5467	0.437	ug/l	82
44) Trichloroethene	9.217	130	1652148	102.402	ug/l	92
74) N-amyl acetate	12.390	43	11951m	0.317	ug/l	
89) n-Butylbenzene	13.946	91	14536	0.278	ug/l	96
93) 1,2,4-Trichlorobenzene	15.263	180	9117	3.424	ug/l	94
95) Naphthalene	15.504	128	38615	4.744	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.697	180	11711	3.162	ug/l	98

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

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

The chromatogram displays the abundance of various chemical compounds over time. The x-axis represents time in minutes, ranging from 2.00 to 16.00. The y-axis represents abundance, ranging from 0 to 5,400,000. The following table lists the labeled compounds and their approximate retention times:

Compound	Retention Time (min)
1,1,1,2,2,2-Hexafluoroethane, T	~4.2
1,1,1,2,2,2-Hexafluoroethane, S	~8.1
Dibromodifluoromethane, S	~8.2
Pentafluorobenzene, I	~8.3
1,2-Dichloroethane-d4, S	~8.5
1,4-Difluorobenzene, I	~9.1
Trichloroethene, TM	~9.3
Toluene-d8, S	~10.5
Chlorobenzene-d5, I	~11.8
N-amyl acetate, T	~12.5
4-Bromofluorobenzene, S	~12.8
1,4-Dichlorobenzene-d4, I	~13.8
n-Butylbenzene, T	~14.0
1,2,4-Trichlorobenzene, T	~15.2
Naphthalene, T	~15.5
1,2,3-Trichlorobenzene, T	~15.8