

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032666.D
 Acq On : 08 Nov 2022 19:53
 Operator : JC/MD
 Sample : N5504-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV34211LRE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	91331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	23389	18.431	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.860%#		
35) Dibromofluoromethane	5.391	113	20758	23.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	46.840%#		
50) Toluene-d8	8.653	98	143830	46.666	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.340%		
62) 4-Bromofluorobenzene	11.079	95	37345	31.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	62.040%#		
Target Compounds					Qvalue	
16) Acetone	2.380	43	44849	97.238	ug/l	100
25) 2-Butanone	4.574	43	3279	4.589	ug/l #	87
29) Tetrahydrofuran	5.031	42	1149	2.522	ug/l #	77
52) Toluene	8.720	92	4277	1.877	ug/l	96
67) Ethyl Benzene	10.195	91	10808	3.276	ug/l	100
68) m/p-Xylenes	10.305	106	25369	19.803	ug/l	100
69) o-Xylene	10.646	106	15404	12.367	ug/l	100
73) Isopropylbenzene	10.963	105	4004	1.419	ug/l	99
78) n-propylbenzene	11.305	91	12741	3.918	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	37969	15.740	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	158464	66.049	ug/l	99
85) sec-Butylbenzene	11.890	105	4233m	1.461	ug/l	
86) p-Isopropyltoluene	12.012	119	4017	1.634	ug/l	92
89) n-Butylbenzene	12.323	91	11868	5.548	ug/l #	20

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

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The chromatogram displays a series of peaks representing different chemical compounds. The y-axis represents 'Abundance' from 0 to 420,000, and the x-axis represents 'Time-->' from 2.00 to 16.00 minutes. The following table lists the labeled compounds and their approximate retention times:

Compound	Retention Time (min)
Acetone, T	2.5
2-Butanone, T	4.5
Tetrahydrofuran, T	5.0
Dibromofluoromethane, S	5.5
Pentafluorobenzene, I	5.8
1,2-Dichloroethane-d4, S	6.0
1,4-Difluorobenzene, I	6.8
Toluene, CW	8.8
Toluene-d8, S	8.8
Ethyl Benzene, C	10.2
m/p-Xylenes, T	10.5
o-Xylene, T	10.8
Isopropylbenzene, T	11.2
n-propylbenzene, T	11.5
1,3,5-Trimethylbenzene, T	11.8
sec-Butylbenzene, T	12.2
p-Isopropylbenzene, T	12.5
n-Butylbenzene, T	12.8
1,4-Dichlorobenzene-d4, I	13.2
1,2,4-Trimethylbenzene, T	13.5