

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\  
 Data File : VU024699.D  
 Acq On : 18 Jun 2018 18:13  
 Operator : MD/SY  
 Sample : J3463-17  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 T11-MW-4-9.0-061218

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/19/2018 1:55:04 PM

Quant Time: Jun 19 07:03:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 13 13:55:26 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299259	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135027	43.65	ug/l	0.00
Spiked Amount				50.000		
Recovery						87.30%
35) Dibromofluoromethane	4.89	113	122309	49.25	ug/l	0.00
Spiked Amount				50.000		
Recovery						98.50%
50) Toluene-d8	7.57	98	442726	48.87	ug/l	0.00
Spiked Amount				50.000		
Recovery						97.74%
62) 4-Bromofluorobenzene	10.31	95	155962	43.36	ug/l	0.00
Spiked Amount				50.000		
Recovery						86.72%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	10902	6.56	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	53335	6.58	ug/l	95
31) Cyclohexane	5.00	56	21060	3.35	ug/l #	81
39) Methylcyclohexane	6.42	83	22928	5.22	ug/l	91
73) Isopropylbenzene	10.17	105	71740	6.31	ug/l	99
78) n-propylbenzene	10.59	91	83478	6.23	ug/l	97
83) tert-Butylbenzene	11.10	119	17985	1.90	ug/l	88
85) sec-Butylbenzene	11.33	105	68162	5.74	ug/l	96
89) n-Butylbenzene	11.89	91	12187m	1.29	ug/l	

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\  
 Data File : VU024699.D  
 Acq On : 18 Jun 2018 18:13  
 Operator : MD/SY  
 Sample : J3463-17  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampled :**  
 T11-MW-4-9.0-061218

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 6/19/2018 1:55:04 PM

Quant Time: Jun 19 07:03:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 13 13:55:26 2018  
 Response via : Initial Calibration

