

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\  
 Data File : VD059715.D  
 Acq On : 8 Aug 2018 16:11  
 Operator : VA/AP  
 Sample : J4297-08RE  
 Misc : 5.33µ/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 TP-8RE

**Manual Integrations**  
**APPROVED**  
 apatel  
 8/8/2018 5:06:00 PM

Quant Time: Aug 08 16:55:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080618S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 08 02:03:19 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	115232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	159923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	73177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	48427m	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	76246	51.44	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 102.88%
35) Dibromofluoromethane	5.54	113	62155	43.27	ug/l	0.02
Spiked Amount				50.000		
Recovery						= 86.54%
50) Toluene-d8	8.71	98	151551	48.47	ug/l	0.02
Spiked Amount				50.000		
Recovery						= 96.94%
62) 4-Bromofluorobenzene	11.94	95	285414	197.79	ug/l	0.02
Spiked Amount				50.000		
Recovery						= 395.58%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	85687	307.73	ug/l	99
25) 2-Butanone	4.83	43	15839	43.31	ug/l	93
31) Cyclohexane	5.59	56	7096	2.38	ug/l #	96
39) Methylcyclohexane	7.28	83	146368	97.41	ug/l	94
73) Isopropylbenzene	11.79	105	41049m	12.61	ug/l	
83) tert-Butylbenzene	12.60	119	52479	17.30	ug/l	67
85) sec-Butylbenzene	12.77	105	85314	25.32	ug/l	95

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

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