

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032192.D
 Acq On : 2 Jul 2018 21:46
 Operator : SY/AP
 Sample : J3753-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:19 PM

Quant Time: Jul 03 15:25:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1437927	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3697407	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3427429	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2594996	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.09	41	17576m	0.21	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.62	101	24598	0.18	ppbv	94
13) Ethanol	3.71	45	1353015	54.50	ppbv	99
15) Acetone	3.97	43	779153	4.63	ppbv	99
17) tert-Butyl alcohol	4.44	59	108472m	1.01	ppbv	
19) Isopropyl Alcohol	4.10	45	759133m	5.43	ppbv	
24) 1,1-Dichloroethane	5.17	63	212596	1.09	ppbv	98
26) Hexane	5.86	57	30375m	0.19	ppbv	
32) 1,1,1-Trichloroethane	6.70	97	2231879	9.13	ppbv	98
34) 2-Butanone	5.41	43	129641	0.55	ppbv	98
44) 2,2,4-Trimethylpentane	8.09	57	131495	0.21	ppbv #	89
53) Toluene	10.05	91	168617	0.39	ppbv	99
59) m/p-Xylene	13.22	91	153123m	0.35	ppbv	
60) o-Xylene	13.94	91	60058	0.14	ppbv	95
69) p-Isopropyltoluene	17.91	119	120035	0.17	ppbv #	90
74) 1,2,4-Trimethylbenzene	17.02	105	74691m	0.14	ppbv	

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

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