

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032336.D
 Acq On : 1 Aug 2018 23:58
 Operator : SY/AP
 Sample : J4235-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTSIDE-ROOF

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 2:05:02 PM

Quant Time: Aug 02 12:40:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1739262	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.36	114	4203128	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.32	117	4161391	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.65	95	3351141	10.37	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.11	85	42080	0.20	ppbv	99
3) Chlorodifluoromethane	3.05	51	78602m	0.45	ppbv	
4) Chloromethane	3.21	50	61052	0.58	ppbv	97
9) Propene	3.08	41	63185	0.81	ppbv	89
11) Trichlorofluoromethane	4.06	101	52633	0.26	ppbv	91
13) Ethanol	3.70	45	124368m	5.53	ppbv	
15) Acetone	3.95	43	853684	5.21	ppbv	97
19) Isopropyl Alcohol	4.09	45	76482m	0.70	ppbv	
20) Methylene Chloride	4.46	84	165161	2.51	ppbv	91
26) Hexane	5.84	57	793998	4.77	ppbv #	43
30) Cyclohexane	7.35	84	23717m	0.18	ppbv	
34) 2-Butanone	5.40	43	79897	0.29	ppbv	98
35) Carbon Tetrachloride	7.21	117	18301m	0.08	ppbv	
36) Benzene	7.07	78	75504	0.20	ppbv #	90
44) 2,2,4-Trimethylpentane	8.07	57	107182	0.13	ppbv #	74
53) Toluene	10.02	91	190753	0.43	ppbv	98
59) m/p-Xylene	13.20	91	324512m	0.73	ppbv	
60) o-Xylene	13.92	91	139637	0.32	ppbv	97
61) Styrene	13.76	104	31359m	0.10	ppbv	
74) 1,2,4-Trimethylbenzene	17.01	105	124673	0.25	ppbv #	70

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

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