

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032157.D
 Acq On : 30 Jun 2018 5:56
 Operator : SY/AP
 Sample : J3601-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTDOOR-1DUP

Manual Integrations
 APPROVED

MMDadoda
 7/2/2018 4:25:28 PM

Quant Time: Jul 02 12:08:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 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	1598800	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3698743	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3364815	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.68	95	2504404	9.74	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	63344	0.30	ppbv	90
3) Chlorodifluoromethane	3.07	51	91079	0.47	ppbv	97
4) Chloromethane	3.23	50	54058	0.52	ppbv	99
9) Propene	3.11	41	25072	0.28	ppbv	88
10) Heptane	8.34	43	57695m	0.22	ppbv	
11) Trichlorofluoromethane	4.07	101	56583	0.25	ppbv	97
13) Ethanol	3.74	45	136471m	4.94	ppbv	
15) Acetone	3.97	43	786799	4.21	ppbv	99
19) Isopropyl Alcohol	4.13	45	52578m	0.34	ppbv	
20) Methylene Chloride	4.48	84	395172	5.78	ppbv	98
26) Hexane	5.86	57	552227	3.10	ppbv #	49
30) Cyclohexane	7.33	84	21290m	0.13	ppbv	
34) 2-Butanone	5.41	43	148349	0.63	ppbv	96
35) Carbon Tetrachloride	7.22	117	21854m	0.09	ppbv	
36) Benzene	7.10	78	45983	0.13	ppbv	96
44) 2,2,4-Trimethylpentane	8.09	57	96950	0.15	ppbv #	82
50) 4-Methyl-2-Pentanone	8.99	43	54867m	0.14	ppbv	
52) Tetrachloroethene	11.48	164	12110m	0.09	ppbv	
53) Toluene	10.04	91	731807	1.69	ppbv	99
58) Ethyl Benzene	12.96	91	164882	0.30	ppbv	90
59) m/p-Xylene	13.22	91	309190m	0.71	ppbv	
60) o-Xylene	13.95	91	135237	0.31	ppbv	98
73) 1,3,5-Trimethylbenzene	16.26	105	55727	0.11	ppbv	95
74) 1,2,4-Trimethylbenzene	17.03	105	141284	0.27	ppbv #	76

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

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