

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033004.D
 Acq On : 17 Dec 2018 20:33
 Operator : SY/AP
 Sample : J6382-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P0131-IA001-181212-01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 5:36:24 PM

Quant Time: Dec 19 15:28:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1081966	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2510938	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2548306	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2124873	11.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	83541	0.578	ppbv	99
3) Chlorodifluoromethane	3.02	51	14257m	0.174	ppbv	
4) Chloromethane	3.18	50	27559	0.578	ppbv	90
9) Propene	3.05	41	44190m	1.364	ppbv	
11) Trichlorofluoromethane	4.01	101	38804	0.285	ppbv	84
13) Ethanol	3.65	45	145409	13.034	ppbv	93
15) Acetone	3.91	43	315453	3.397	ppbv	99
19) Isopropyl Alcohol	4.05	45	56887m	0.975	ppbv	
20) Methylene Chloride	4.41	84	26475	0.583	ppbv #	88
26) Hexane	5.78	57	99114	0.979	ppbv #	62
34) 2-Butanone	5.34	43	102103	0.934	ppbv	99
35) Carbon Tetrachloride	7.13	117	13692m	0.069	ppbv	
36) Benzene	7.01	78	71460	0.387	ppbv	98
38) Trichloroethene	7.97	130	8723m	0.113	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	27091m	0.086	ppbv	
52) Tetrachloroethene	11.38	164	2085m	0.031	ppbv	
53) Toluene	9.95	91	2341140	11.952	ppbv	99
59) m/p-Xylene	13.13	91	56217m	0.228	ppbv	
60) o-Xylene	13.87	91	28370m	0.114	ppbv	
74) 1,2,4-Trimethylbenzene	16.94	105	101888m	0.333	ppbv	

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

