

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL122018\
 Data File : VL033031.D
 Acq On : 20 Dec 2018 18:44
 Operator : SY/AP
 Sample : J6444-05RE
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-PL-LTM5RE

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 8:26:22 AM

Quant Time: Dec 23 11:14:19 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	1191222	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2730899	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1962040	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1974501	13.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	136.20%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	81053	0.510	ppbv	98
3) Chlorodifluoromethane	3.02	51	58218m	0.645	ppbv	
4) Chloromethane	3.18	50	31035	0.591	ppbv	95
9) Propene	3.05	41	52344m	1.467	ppbv	
11) Trichlorofluoromethane	4.01	101	43699	0.292	ppbv	94
13) Ethanol	3.66	45	154787	12.602	ppbv	96
15) Acetone	3.91	43	367271	3.592	ppbv	96
19) Isopropyl Alcohol	4.04	45	91361	1.423	ppbv #	91
20) Methylene Chloride	4.41	84	194151	3.885	ppbv	99
26) Hexane	5.78	57	188697	1.692	ppbv #	52
34) 2-Butanone	5.34	43	35883m	0.302	ppbv	
35) Carbon Tetrachloride	7.14	117	14996m	0.070	ppbv	
36) Benzene	7.00	78	70633m	0.352	ppbv	
52) Tetrachloroethene	11.38	164	2326m	0.032	ppbv	
53) Toluene	9.95	91	635516	2.983	ppbv	98
59) m/p-Xylene	13.12	91	42603m	0.225	ppbv	

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

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