

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
 Data File : VL034389.D
 Acq On : 19 Nov 2019 21:35
 Operator : SY/AP
 Sample : K5924-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 3:53:57 PM

Quant Time: Nov 20 05:54:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 20
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	962781	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1868964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1830736	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1585364	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	324383	1.862	ppbv	90
3) Chlorodifluoromethane	2.96	51	81850m	0.681	ppbv	
4) Chloromethane	3.11	50	24443	0.345	ppbv	97
9) Propene	3.00	41	159088m	2.983	ppbv	
11) Trichlorofluoromethane	3.94	101	35176	0.203	ppbv	93
13) Ethanol	3.59	45	1588367	101.685	ppbv	97
15) Acetone	3.83	43	801798	5.816	ppbv	97
19) Isopropyl Alcohol	3.96	45	1399992	13.962	ppbv	100
20) Methylene Chloride	4.34	84	57461	1.175	ppbv	88
26) Hexane	5.70	57	75040	0.710	ppbv #	50
31) cis-1,2-Dichloroethene	5.56	61	363714	3.329	ppbv	95
34) 2-Butanone	5.26	43	26661	0.173	ppbv	99
35) Carbon Tetrachloride	7.05	117	9869	0.061	ppbv #	54
36) Benzene	6.91	78	28386m	0.152	ppbv	
38) Trichloroethene	7.87	130	134924m	1.760	ppbv	
52) Tetrachloroethene	11.29	164	8836828	109.317	ppbv	86
53) Toluene	9.85	91	81810	0.386	ppbv	97
59) m/p-Xylene	13.02	91	27829m	0.113	ppbv	
62) Isopropylbenzene	14.73	105	40586m	0.126	ppbv	
74) 1,2,4-Trimethylbenzene	16.83	105	56612m	0.194	ppbv	

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

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