

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034537.D
 Acq On : 31 Dec 2019 7:44
 Operator : SY/AP
 Sample : K6470-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 44-1

Manual Integrations
 APPROVED

apatel
 1/2/2020 10:50:46 AM

Quant Time: Jan 01 13:05:18 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 3

QLast Update : Mon Dec 30 14:58:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	941643	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1906750	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1882618	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1593679	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.02	85	89066	0.600	ppbv	98
3) Chlorodifluoromethane	2.96	51	448743	4.000	ppbv	96
4) Chloromethane	3.11	50	19631	0.295	ppbv	97
9) Propene	2.99	41	141168m	3.264	ppbv	
10) Heptane	8.14	43	20674m	0.185	ppbv	
11) Trichlorofluoromethane	3.93	101	40113m	0.233	ppbv	
13) Ethanol	3.59	45	814599	67.873	ppbv	99
15) Acetone	3.83	43	1577910	11.482	ppbv	98
19) Isopropyl Alcohol	3.96	45	539858	6.068	ppbv #	98
20) Methylene Chloride	4.34	84	17628m	0.326	ppbv	
34) 2-Butanone	5.25	43	385984	2.833	ppbv	99
35) Carbon Tetrachloride	7.03	117	11713m	0.068	ppbv	
36) Benzene	6.91	78	72650m	0.437	ppbv	
41) Tetrahydrofuran	6.07	42	44617m	0.638	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	65276	0.212	ppbv #	79
50) 4-Methyl-2-Pentanone	8.78	43	131459	0.665	ppbv	93
52) Tetrachloroethene	11.27	164	15493m	0.239	ppbv	
53) Toluene	9.84	91	296996	1.626	ppbv	95
58) Ethyl Benzene	12.76	91	114220	0.450	ppbv	97
59) m/p-Xylene	13.01	91	402787	1.814	ppbv	98
60) o-Xylene	13.74	91	81092m	0.364	ppbv	
72) 4-Ethyltoluene	15.90	105	104938m	0.421	ppbv	
73) 1,3,5-Trimethylbenzene	16.05	105	105924	0.433	ppbv	95
74) 1,2,4-Trimethylbenzene	16.82	105	344364	1.316	ppbv #	68

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

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