

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034535.D
 Acq On : 31 Dec 2019 6:25
 Operator : SY/AP
 Sample : K6470-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 29-2

Manual Integrations
 APPROVED

apatel
 1/2/2020 12:32:17 PM

Quant Time: Jan 01 13:03:45 2020

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 31

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	926437	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1859403	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1828207	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1570262	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	3.02	85	93466m	0.640	ppbv	
3) Chlorodifluoromethane	2.96	51	69543m	0.630	ppbv	
4) Chloromethane	3.11	50	34112	0.520	ppbv #	80
9) Propene	2.99	41	160206m	3.765	ppbv	
10) Heptane	8.15	43	23168m	0.211	ppbv	
11) Trichlorofluoromethane	3.94	101	41209	0.244	ppbv #	81
13) Ethanol	3.60	45	4630097	392.117	ppbv	98
15) Acetone	3.83	43	1189266m	8.796	ppbv	
17) tert-Butyl alcohol	4.30	59	98664m	0.911	ppbv	
20) Methylene Chloride	4.34	84	22491m	0.423	ppbv	
26) Hexane	5.69	57	37506	0.422	ppbv	90
34) 2-Butanone	5.25	43	117691	0.886	ppbv	98
35) Carbon Tetrachloride	7.03	117	11441m	0.068	ppbv	
36) Benzene	6.91	78	102525	0.633	ppbv #	91
44) 2,2,4-Trimethylpentane	7.89	57	80316	0.268	ppbv #	72
50) 4-Methyl-2-Pentanone	8.78	43	124614	0.646	ppbv	99
52) Tetrachloroethene	11.26	164	3512m	0.056	ppbv	
53) Toluene	9.84	91	307200	1.725	ppbv	99
58) Ethyl Benzene	12.76	91	112628m	0.457	ppbv	
59) m/p-Xylene	13.01	91	392860m	1.822	ppbv	
60) o-Xylene	13.73	91	73667m	0.341	ppbv	
64) n-propylbenzene	15.62	120	14694m	0.203	ppbv	
65) tert-Butylbenzene	16.82	119	37689m	0.147	ppbv	
72) 4-Ethyltoluene	15.89	105	99346	0.410	ppbv	97
73) 1,3,5-Trimethylbenzene	16.05	105	105012m	0.442	ppbv	
74) 1,2,4-Trimethylbenzene	16.82	105	339916	1.338	ppbv #	67
79) Naphthalene	22.30	128	31853m	0.166	ppbv	

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

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