

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\
 Data File : VL034533.D
 Acq On : 31 Dec 2019 5:06
 Operator : SY/AP
 Sample : K6470-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 29-1

Manual Integrations
 APPROVED

apatel
 1/2/2020 10:50:13 AM

Quant Time: Jan 01 13:00:48 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	884224	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1784620	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1816487	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1558768	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.02	85	36377m	0.261	ppbv	
3) Chlorodifluoromethane	2.96	51	66018m	0.627	ppbv	
4) Chloromethane	3.11	50	34542	0.552	ppbv	98
9) Propene	2.99	41	171078m	4.212	ppbv	
10) Heptane	8.14	43	38808m	0.370	ppbv	
11) Trichlorofluoromethane	3.93	101	41240	0.256	ppbv	87
13) Ethanol	3.60	45	3189706	283.029	ppbv	99
15) Acetone	3.83	43	3625172	28.092	ppbv	97
17) tert-Butyl alcohol	4.30	59	428793	4.150	ppbv	98
19) Isopropyl Alcohol	3.97	45	566303	6.779	ppbv #	1
20) Methylene Chloride	4.33	84	41761	0.822	ppbv	93
26) Hexane	5.69	57	83157	0.979	ppbv #	61
30) Cyclohexane	7.14	84	19683m	0.312	ppbv	
34) 2-Butanone	5.25	43	175575	1.377	ppbv	98
35) Carbon Tetrachloride	7.04	117	12105m	0.075	ppbv	
36) Benzene	6.91	78	121416	0.780	ppbv	98
38) Trichloroethene	7.85	130	4734m	0.075	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	81763	0.284	ppbv #	73
50) 4-Methyl-2-Pentanone	8.77	43	192486	1.040	ppbv	97
52) Tetrachloroethene	11.26	164	3018m	0.050	ppbv	
53) Toluene	9.84	91	357511	2.092	ppbv	97
58) Ethyl Benzene	12.76	91	122638m	0.501	ppbv	
59) m/p-Xylene	13.01	91	438525	2.047	ppbv	98
60) o-Xylene	13.74	91	75779	0.353	ppbv	97
72) 4-Ethyltoluene	15.90	105	114682	0.477	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.05	105	127645	0.541	ppbv #	81
74) 1,2,4-Trimethylbenzene	16.82	105	423078	1.676	ppbv #	67
79) Naphthalene	22.29	128	50636m	0.266	ppbv	

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

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