

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036185.D
 Acq On : 17 Dec 2020 3:08
 Operator : SY/AP
 Sample : L5041-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 12/17/2020 3:56:57 PM

Quant Time: Dec 17 14:01:00 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1329081	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2593054	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2403337	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2143047	11.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	61079m	0.394	ppbv	
3) Chlorodifluoromethane	2.99	51	68533	0.452	ppbv	98
4) Chloromethane	3.14	50	56693	0.762	ppbv	91
7) Chloroethane	3.56	64	82240	2.915	ppbv	91
9) Propene	3.02	41	60196	0.792	ppbv #	82
11) Trichlorofluoromethane	3.96	101	207386	1.139	ppbv	98
13) Ethanol	3.62	45	499013	47.652	ppbv	90
15) Acetone	3.85	43	1030526	6.451	ppbv	100
18) 1,1-Dichloroethene	4.30	96	135561m	2.469	ppbv	
19) Isopropyl Alcohol	3.98	45	1460708	14.962	ppbv #	100
20) Methylene Chloride	4.35	84	607111m	9.275	ppbv	
22) trans-1,2-Dichloroethene	4.89	96	26187m	0.476	ppbv	
24) 1,1-Dichloroethane	5.02	63	1165544	7.792	ppbv	99
26) Hexane	5.70	57	619308	4.312	ppbv #	39
34) 2-Butanone	5.26	43	104398m	0.607	ppbv	
52) Tetrachloroethene	11.25	164	5473m	0.069	ppbv	
53) Toluene	9.83	91	183316	0.743	ppbv	96
58) Ethyl Benzene	12.73	91	31707m	0.096	ppbv	
59) m/p-Xylene	12.99	91	94910m	0.342	ppbv	
60) o-Xylene	13.72	91	39644m	0.152	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	64200m	0.237	ppbv	
75) 1,3-Dichlorobenzene	17.02	146	178558m	1.314	ppbv	

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

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