

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036012.D
 Acq On : 25 Nov 2020 2:59
 Operator : SY/AP
 Sample : L4883-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:15:52 PM

Quant Time: Nov 25 07:33:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1231427	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4359573	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3996747	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3073602	10.82	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	61288	0.264	ppbv	93
3) Chlorodifluoromethane	2.96	51	70115m	0.475	ppbv	
4) Chloromethane	3.12	50	42197	0.589	ppbv #	87
9) Propene	3.00	41	90564	1.678	ppbv #	80
11) Trichlorofluoromethane	3.92	101	68323	0.235	ppbv	94
13) Ethanol	3.59	45	4050644	345.927	ppbv	96
15) Acetone	3.83	43	1184547	8.998	ppbv	98
19) Isopropyl Alcohol	3.96	45	109802	1.357	ppbv #	1
20) Methylene Chloride	4.32	84	5135883	55.416	ppbv #	93
26) Hexane	5.66	57	2188664	15.302	ppbv #	46
30) Cyclohexane	7.13	84	38600m	0.248	ppbv	
34) 2-Butanone	5.23	43	107176	0.757	ppbv	97
35) Carbon Tetrachloride	6.99	117	14056m	0.060	ppbv	
36) Benzene	6.86	78	84252	0.260	ppbv	98
44) 2,2,4-Trimethylpentane	7.84	57	51779	0.121	ppbv #	77
50) 4-Methyl-2-Pentanone	8.73	43	190502	0.881	ppbv	93
52) Tetrachloroethene	11.19	164	26107m	0.170	ppbv	
53) Toluene	9.78	91	1510329	3.862	ppbv	97
59) m/p-Xylene	12.94	91	66150m	0.161	ppbv	
76) 1,4-Dichlorobenzene	17.11	146	33863m	0.116	ppbv	

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

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