

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036010.D
 Acq On : 25 Nov 2020 1:40
 Operator : SY/AP
 Sample : L4883-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:16:05 PM

Quant Time: Nov 25 07:26:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	1202287	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4187720	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3923115	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3084243	11.07	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	52647	0.233	ppbv	96
4) Chloromethane	3.12	50	43841	0.627	ppbv	98
9) Propene	3.00	41	52136	0.989	ppbv	86
11) Trichlorofluoromethane	3.92	101	80356	0.283	ppbv	94
13) Ethanol	3.61	45	12082125	1056.828	ppbv	100
15) Acetone	3.82	43	3161322	24.595	ppbv	98
17) tert-Butyl alcohol	4.30	59	195673m	1.149	ppbv	
19) Isopropyl Alcohol	3.98	45	11781347	149.152	ppbv #	95
20) Methylene Chloride	4.32	84	720242	7.960	ppbv	96
26) Hexane	5.66	57	293891	2.105	ppbv #	69
30) Cyclohexane	7.14	84	31305m	0.206	ppbv	
34) 2-Butanone	5.22	43	169986	1.251	ppbv	97
35) Carbon Tetrachloride	6.99	117	14216	0.064	ppbv	89
36) Benzene	6.86	78	84069	0.270	ppbv	95
52) Tetrachloroethene	11.19	164	8189m	0.056	ppbv	
53) Toluene	9.78	91	594328	1.582	ppbv	97
59) m/p-Xylene	12.94	91	120238	0.297	ppbv	99
60) o-Xylene	13.67	91	63179	0.161	ppbv	97
61) Styrene	13.51	104	53439m	0.185	ppbv	
65) tert-Butylbenzene	16.73	119	90092	0.160	ppbv #	53
69) p-Isopropyltoluene	17.63	119	88071	0.141	ppbv	96
73) 1,3,5-Trimethylbenzene	15.97	105	164282	0.376	ppbv	90
74) 1,2,4-Trimethylbenzene	16.73	105	759349	1.624	ppbv #	69

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

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