

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035877.D
 Acq On : 6 Nov 2020 2:28
 Operator : SY/AP
 Sample : L4618-03DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DUP

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 1:38:56 PM

Quant Time: Nov 08 18:46:07 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	5.65	49	1081611	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4015194	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3705142	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2672814	10.15	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	52015	0.255	ppbv	98
3) Chlorodifluoromethane	2.97	51	46515	0.359	ppbv #	89
4) Chloromethane	3.12	50	30095	0.478	ppbv	96
9) Propene	3.00	41	707901m	14.932	ppbv	
10) Heptane	8.10	43	104383	0.797	ppbv	98
11) Trichlorofluoromethane	3.93	101	60663	0.237	ppbv	93
13) Ethanol	3.59	45	136529m	13.275	ppbv	
15) Acetone	3.83	43	12426467	107.464	ppbv #	82
20) Methylene Chloride	4.33	84	152003	1.867	ppbv	99
26) Hexane	5.66	57	157491	1.254	ppbv #	46
29) Chloroform	5.74	83	76522	0.310	ppbv	94
30) Cyclohexane	7.14	84	20001m	0.146	ppbv	
34) 2-Butanone	5.23	43	19482	0.150	ppbv #	86
35) Carbon Tetrachloride	7.00	117	13050	0.061	ppbv	95
36) Benzene	6.87	78	70105	0.235	ppbv	98
44) 2,2,4-Trimethylpentane	7.84	57	72699	0.184	ppbv #	69
50) 4-Methyl-2-Pentanone	8.73	43	74028m	0.372	ppbv	
52) Tetrachloroethene	11.20	164	33933m	0.240	ppbv	
53) Toluene	9.79	91	10084245	27.998	ppbv	90
58) Ethyl Benzene	12.69	91	261535	0.580	ppbv	90
59) m/p-Xylene	12.95	91	1032734	2.705	ppbv	99
60) o-Xylene	13.67	91	282986	0.762	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	75875	0.172	ppbv #	68

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

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