

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038011.D
 Acq On : 10 Nov 2021 16:09
 Operator : SY/AP
 Sample : M4598-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 356-2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 19:58:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1529982	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4479474	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3934807	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2845826	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	753495m	2.645	ppbv	
9) Propene	3.01	41	190841	1.869	ppbv	88
13) Ethanol	3.60	45	155208	15.066	ppbv	95
15) Acetone	3.84	43	1575509	12.462	ppbv #	78
17) tert-Butyl alcohol	4.29	59	75338m	0.573	ppbv	
19) Isopropyl Alcohol	3.97	45	109567	1.355	ppbv #	1
22) trans-1,2-Dichloroethene	4.88	96	89281	1.167	ppbv	96
27) Carbon Disulfide	4.55	76	145852	0.830	ppbv	95
31) cis-1,2-Dichloroethene	5.54	61	25206m	0.155	ppbv	
34) 2-Butanone	5.24	43	951401	5.732	ppbv	98
38) Trichloroethene	7.83	130	247669	1.636	ppbv	90
51) 2-Hexanone	10.13	43	58079m	0.632	ppbv	
52) Tetrachloroethene	11.21	164	632635	4.572	ppbv	97
53) Toluene	9.79	91	412496	1.055	ppbv	99
58) Ethyl Benzene	12.69	91	83500m	0.174	ppbv	
59) m/p-Xylene	12.95	91	256651m	0.600	ppbv	
60) o-Xylene	13.68	91	95558	0.237	ppbv	96
74) 1,2,4-Trimethylbenzene	16.75	105	60870m	0.134	ppbv	

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

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