

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037299.D
 Acq On : 31 Jul 2021 1:59
 Operator : SY/AP
 Sample : M3121-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAY-ROOM-1DUP

Manual Integrations
 APPROVED

MMDadoda
 8/2/2021 8:58:10 AM

Quant Time: Jul 31 07:43:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 31 07:43:11 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1197823	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3673202	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3315842	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	2254390	9.35	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	43117	0.250	ppbv	93
3) Chlorodifluoromethane	2.98	51	402428	1.677	ppbv	95
4) Chloromethane	3.13	50	43960	0.525	ppbv	97
5) Vinyl Chloride	3.24	62	3360m	0.037	ppbv	
9) Propene	3.02	41	38260m	0.474	ppbv	
11) Trichlorofluoromethane	3.94	101	55745m	0.260	ppbv	
13) Ethanol	3.61	45	263859m	14.868	ppbv	
15) Acetone	3.84	43	681056	3.157	ppbv	100
19) Isopropyl Alcohol	3.98	45	251214m	3.010	ppbv	
20) Methylene Chloride	4.34	84	450705	5.398	ppbv	98
26) Hexane	5.68	57	415773	2.485	ppbv #	53
29) Chloroform	5.74	83	23868m	0.100	ppbv	
30) Cyclohexane	7.13	84	26897m	0.206	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	7291m	0.031	ppbv	
34) 2-Butanone	5.25	43	79685m	0.506	ppbv	
35) Carbon Tetrachloride	7.02	117	20722	0.089	ppbv #	78
36) Benzene	6.89	78	52117	0.168	ppbv	97
38) Trichloroethene	7.83	130	5082m	0.036	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	84511m	0.166	ppbv	
52) Tetrachloroethene	11.22	164	12259m	0.089	ppbv	
53) Toluene	9.80	91	800868	2.190	ppbv	99
59) m/p-Xylene	12.97	91	66756m	0.170	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	9558m	0.036	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	57462m	0.127	ppbv	

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

