

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038166.D
 Acq On : 14 Dec 2021 14:49
 Operator : SY/AP
 Sample : M5045-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-6B

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 05:35:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	909655	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2442959	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2085495	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1560025	10.37	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	42815	0.285	ppbv	93
3) Chlorodifluoromethane	2.97	51	42436m	0.222	ppbv	
4) Chloromethane	3.12	50	27200	0.418	ppbv	89
9) Propene	3.01	41	43645m	0.620	ppbv	
11) Trichlorofluoromethane	3.93	101	29992	0.210	ppbv #	75
13) Ethanol	3.59	45	616697	90.707	ppbv	89
15) Acetone	3.83	43	1259970	15.976	ppbv	99
19) Isopropyl Alcohol	3.96	45	130303	2.287	ppbv #	1
20) Methylene Chloride	4.32	84	6625483	149.980	ppbv	90
26) Hexane	5.66	57	4700529	37.205	ppbv #	44
34) 2-Butanone	5.22	43	33630m	0.341	ppbv	
35) Carbon Tetrachloride	6.98	117	13685m	0.080	ppbv	
36) Benzene	6.85	78	32107	0.132	ppbv #	88
53) Toluene	9.76	91	46605	0.166	ppbv	97
74) 1,2,4-Trimethylbenzene	16.71	105	35611m	0.121	ppbv	

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

