

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037952.D
 Acq On : 2 Nov 2021 00:13
 Operator : SY/AP
 Sample : M4425-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 02 06:08:39 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 06:08:39 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.655	49	1391516	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3969080	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	3554570	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2756745	10.669	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.044	85	41491	0.212	ppbv	92
3) Chlorodifluoromethane	2.986	51	59783m	0.231	ppbv	
4) Chloromethane	3.137	50	41625	0.423	ppbv	97
5) Vinyl Chloride	3.253	62	5263m	0.055	ppbv	
7) Chloroethane	3.549	64	7456m	0.218	ppbv	
9) Propene	3.015	41	85497	0.921	ppbv	92
10) Heptane	8.108	43	80220	0.371	ppbv	86
11) Trichlorofluoromethane	3.944	101	45731m	0.234	ppbv	
13) Ethanol	3.597	45	115627m	12.340	ppbv	
15) Acetone	3.841	43	1912494	16.632	ppbv #	80
17) tert-Butyl alcohol	4.291	59	66548	0.557	ppbv	95
19) Isopropyl Alcohol	3.960	45	106931m	1.454	ppbv	
20) Methylene Chloride	4.333	84	167390	2.652	ppbv	87
22) trans-1,2-Dichloroethene	4.873	96	14412m	0.207	ppbv	
26) Hexane	5.677	57	355542m	2.197	ppbv	
29) Chloroform	5.742	83	597137	2.475	ppbv	96
31) cis-1,2-Dichloroethene	5.536	61	637581	4.319	ppbv	98
34) 2-Butanone	5.230	43	791244	5.380	ppbv	92
35) Carbon Tetrachloride	7.008	117	10213m	0.043	ppbv	
36) Benzene	6.883	78	116344m	0.360	ppbv	
38) Trichloroethene	7.819	130	1369286	10.207	ppbv	97
41) Tetrahydrofuran	6.037	42	159532	2.217	ppbv	98
44) 2,2,4-Trimethylpentane	7.851	57	130679m	0.238	ppbv	
51) 2-Hexanone	10.118	43	633778	7.782	ppbv #	97
52) Tetrachloroethene	11.227	164	14112652	115.096	ppbv	94
53) Toluene	9.790	91	709396	2.047	ppbv	100
58) Ethyl Benzene	12.690	91	223416	0.514	ppbv	97
59) m/p-Xylene	12.944	91	774475m	2.005	ppbv	
60) o-Xylene	13.667	91	361498m	0.992	ppbv	
64) n-propylbenzene	15.542	120	33611m	0.254	ppbv	
72) 4-Ethyltoluene	15.825	105	192597m	0.462	ppbv	
73) 1,3,5-Trimethylbenzene	15.976	105	273010	0.699	ppbv	93
74) 1,2,4-Trimethylbenzene	16.744	105	1056341	2.580	ppbv #	73
79) Naphthalene	22.169	128	154636m	0.656	ppbv	

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

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