

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038667.D
 Acq On : 22 Mar 2022 1:59
 Operator : SY/AP
 Sample : N1964-11
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P81

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 22 04:02:50 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 22 04:02:50 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	870176	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2176004	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.072	117	1956712	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1456406	9.708	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	25752	0.220	ppbv	97
3) Chlorodifluoromethane	2.986	51	47157	0.513	ppbv #	84
4) Chloromethane	3.137	50	20512	0.407	ppbv	97
7) Chloroethane	3.555	64	2911m	0.172	ppbv	
9) Propene	3.021	41	198465	4.473	ppbv #	64
11) Trichlorofluoromethane	3.944	101	23045m	0.223	ppbv	
13) Ethanol	3.597	45	196059	40.057	ppbv	99
15) Acetone	3.845	43	313424	4.174	ppbv #	58
17) tert-Butyl alcohol	4.298	59	32739	0.499	ppbv #	73
19) Isopropyl Alcohol	3.963	45	202957	4.875	ppbv #	96
20) Methylene Chloride	4.336	84	391057	12.365	ppbv	98
26) Hexane	5.680	57	216267	2.556	ppbv #	65
27) Carbon Disulfide	4.545	76	16936	0.204	ppbv #	91
30) Cyclohexane	7.121	84	17870m	0.243	ppbv	
31) cis-1,2-Dichloroethene	5.539	61	46668	0.587	ppbv	94
34) 2-Butanone	5.237	43	394614	4.582	ppbv	98
35) Carbon Tetrachloride	7.012	117	7730m	0.061	ppbv	
36) Benzene	6.883	78	27141	0.162	ppbv	93
38) Trichloroethene	7.825	130	20642m	0.293	ppbv	
41) Tetrahydrofuran	6.047	42	39590m	0.618	ppbv	
44) 2,2,4-Trimethylpentane	7.860	57	73682	0.261	ppbv #	81
52) Tetrachloroethene	11.208	164	426592	6.941	ppbv	95
53) Toluene	9.793	91	1372401	7.605	ppbv	100
58) Ethyl Benzene	12.699	91	32729	0.143	ppbv	97
59) m/p-Xylene	12.953	91	68790m	0.344	ppbv	
60) o-Xylene	13.680	91	27820m	0.146	ppbv	
61) Styrene	13.516	104	13915m	0.135	ppbv	
74) 1,2,4-Trimethylbenzene	16.751	105	21856m	0.098	ppbv	

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

