

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038698.D
 Acq On : 23 Mar 2022 00:23
 Operator : SY/AP
 Sample : N1961-16
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P79

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/23/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:18:09 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 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	5.648	49	824552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	2243717	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	2030906	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 1478629 9.496 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	19942	0.180	ppbv	93
3) Chlorodifluoromethane	2.980	51	100256	1.151	ppbv #	90
4) Chloromethane	3.134	50	24773	0.518	ppbv	94
7) Chloroethane	3.549	64	2791m	0.174	ppbv	
9) Propene	3.018	41	308499	7.338	ppbv #	64
11) Trichlorofluoromethane	3.941	101	20696	0.212	ppbv	93
13) Ethanol	3.591	45	348825	75.213	ppbv	99
15) Acetone	3.835	43	669635	9.412	ppbv #	67
17) tert-Butyl alcohol	4.282	59	57753	0.929	ppbv #	73
19) Isopropyl Alcohol	3.957	45	290282	7.359	ppbv #	1
20) Methylene Chloride	4.330	84	545907	18.217	ppbv	96
26) Hexane	5.671	57	653544	8.151	ppbv #	54
27) Carbon Disulfide	4.536	76	19566	0.249	ppbv #	77
30) Cyclohexane	7.111	84	475213	6.816	ppbv	99
31) cis-1,2-Dichloroethene	5.529	61	66295	0.879	ppbv	96
34) 2-Butanone	5.227	43	963922	10.854	ppbv	100
35) Carbon Tetrachloride	6.999	117	7878	0.061	ppbv	87
36) Benzene	6.867	78	29065m	0.168	ppbv	
38) Trichloroethene	7.815	130	30777	0.424	ppbv	94
41) Tetrahydrofuran	6.044	42	27173	0.411	ppbv	93
44) 2,2,4-Trimethylpentane	7.851	57	117223	0.403	ppbv #	86
50) 4-Methyl-2-Pentanone	8.741	43	23055m	0.140	ppbv	
51) 2-Hexanone	10.127	43	39639	0.334	ppbv #	94
52) Tetrachloroethene	11.201	164	332244	5.243	ppbv	97
53) Toluene	9.790	91	12965839	69.684	ppbv	90
58) Ethyl Benzene	12.683	91	89817m	0.378	ppbv	
59) m/p-Xylene	12.944	91	167134m	0.805	ppbv	
60) o-Xylene	13.671	91	62609	0.318	ppbv	98
61) Styrene	13.507	104	37127	0.347	ppbv	89
69) p-Isopropyltoluene	17.625	119	121034	0.389	ppbv	98
74) 1,2,4-Trimethylbenzene	16.738	105	29870	0.129	ppbv #	74

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

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