

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038690.D
 Acq On : 22 Mar 2022 19:05
 Operator : SY/AP
 Sample : N1961-12
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P75

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 04:15:54 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 2

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	5.655	49	837535	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2238218	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	1977975	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 1476163 9.734 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	22585	0.201	ppbv	90
3) Chlorodifluoromethane	2.986	51	37560	0.425	ppbv #	89
4) Chloromethane	3.137	50	17629m	0.363	ppbv	
9) Propene	3.009	41	175350	4.106	ppbv	97
11) Trichlorofluoromethane	3.948	101	22857	0.230	ppbv	93
13) Ethanol	3.600	45	169102	35.896	ppbv	99
15) Acetone	3.838	43	1399609	19.367	ppbv #	88
17) tert-Butyl alcohol	4.301	59	15208m	0.241	ppbv	
19) Isopropyl Alcohol	3.964	45	41711	1.041	ppbv #	1
20) Methylene Chloride	4.337	84	605556	19.894	ppbv	97
26) Hexane	5.677	57	854241	10.488	ppbv #	40
29) Chloroform	5.742	83	13396m	0.103	ppbv	
30) Cyclohexane	7.118	84	61728	0.872	ppbv	92
31) cis-1,2-Dichloroethene	5.536	61	23153	0.302	ppbv	99
34) 2-Butanone	5.230	43	1847922	20.860	ppbv	97
35) Carbon Tetrachloride	7.008	117	7269	0.056	ppbv	92
36) Benzene	6.880	78	45091	0.261	ppbv	99
38) Trichloroethene	7.825	130	23400	0.323	ppbv #	85
41) Tetrahydrofuran	6.041	42	21790	0.330	ppbv #	83
44) 2,2,4-Trimethylpentane	7.857	57	39676m	0.137	ppbv	
51) 2-Hexanone	10.134	43	73900m	0.625	ppbv	
52) Tetrachloroethene	11.211	164	1619760	25.623	ppbv	97
53) Toluene	9.790	91	3438115	18.523	ppbv	99
58) Ethyl Benzene	12.693	91	28560m	0.124	ppbv	
59) m/p-Xylene	12.944	91	56300m	0.278	ppbv	
60) o-Xylene	13.674	91	25144	0.131	ppbv	97
62) Isopropylbenzene	14.651	105	109681	0.380	ppbv	99
69) p-Isopropyltoluene	17.635	119	33676m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	16.741	105	22882	0.102	ppbv #	77

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

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