

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038687.D
 Acq On : 22 Mar 2022 17:02
 Operator : SY/AP
 Sample : N1961-09DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P72DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 04:14:54 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	921503	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2413056	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	2209736	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1618336	9.552	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.500%
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.983	51	16275m	0.167	ppbv	
4) Chloromethane	3.140	50	18449	0.345	ppbv	98
9) Propene	3.021	41	377680m	8.038	ppbv	
13) Ethanol	3.591	45	206765	39.892	ppbv	98
15) Acetone	3.841	43	352264	4.430	ppbv #	64
17) tert-Butyl alcohol	4.282	59	56034	0.807	ppbv #	73
19) Isopropyl Alcohol	3.954	45	326806	7.413	ppbv	99
25) Ethyl Acetate	5.664	43	424627	2.121	ppbv #	96
27) Carbon Disulfide	4.542	76	19218	0.219	ppbv #	74
30) Cyclohexane	7.121	84	40451m	0.519	ppbv	
34) 2-Butanone	5.234	43	128299	1.343	ppbv #	89
44) 2,2,4-Trimethylpentane	7.854	57	77825	0.249	ppbv #	78
53) Toluene	9.790	91	2753072	13.758	ppbv	100
58) Ethyl Benzene	12.690	91	43999m	0.170	ppbv	
59) m/p-Xylene	12.954	91	100589m	0.445	ppbv	
60) o-Xylene	13.674	91	36622m	0.171	ppbv	
61) Styrene	13.513	104	22338	0.192	ppbv	96
69) p-Isopropyltoluene	17.635	119	32336	0.096	ppbv #	89

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

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