

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039126.D
 Acq On : 26 May 2022 8:47
 Operator : SY/AP
 Sample : N2957-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 04:27:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 27 04:27:08 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	1013101	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.144	114	2322438	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.047	117	2041313	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1735123	10.733	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.038	85	59851	0.377	ppbv	100
3) Chlorodifluoromethane	2.983	51	17350m	0.138	ppbv	
4) Chloromethane	3.124	50	8949m	0.142	ppbv	
9) Propene	3.002	41	65774	1.198	ppbv	94
10) Heptane	8.092	43	36520m	0.271	ppbv	
13) Ethanol	3.584	45	54427m	14.009	ppbv	
15) Acetone	3.829	43	1019803	10.671	ppbv	95
19) Isopropyl Alcohol	3.951	45	23037m	0.507	ppbv	
20) Methylene Chloride	4.324	84	194607	5.403	ppbv	97
26) Hexane	5.661	57	178115	1.753	ppbv #	39
27) Carbon Disulfide	4.526	76	40224m	0.417	ppbv	
29) Chloroform	5.722	83	156110	0.949	ppbv	96
30) Cyclohexane	7.102	84	18937m	0.223	ppbv	
34) 2-Butanone	5.221	43	151053m	1.275	ppbv	
36) Benzene	6.861	78	62824	0.316	ppbv	95
38) Trichloroethene	7.793	130	13333m	0.151	ppbv	
41) Tetrahydrofuran	6.037	42	12789m	0.161	ppbv	
44) 2,2,4-Trimethylpentane	7.832	57	52813m	0.151	ppbv	
50) 4-Methyl-2-Pentanone	8.725	43	28248m	0.136	ppbv	
51) 2-Hexanone	10.105	43	15911m	0.105	ppbv	
52) Tetrachloroethene	11.182	164	136779m	1.926	ppbv	
53) Toluene	9.767	91	345637	1.552	ppbv	100
57) Chlorobenzene	12.105	112	35365m	0.231	ppbv	
58) Ethyl Benzene	12.667	91	92474m	0.315	ppbv	
59) m/p-Xylene	12.921	91	293403	1.170	ppbv	97
60) o-Xylene	13.651	91	116419	0.493	ppbv	97
72) 4-Ethyltoluene	15.790	105	53859m	0.200	ppbv	
73) 1,3,5-Trimethylbenzene	15.960	105	48880m	0.202	ppbv	
74) 1,2,4-Trimethylbenzene	16.722	105	193332m	0.729	ppbv	

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

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