

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039379.D
 Acq On : 28 Jun 2022 5:07
 Operator : SY/AP
 Sample : N3508-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1-20220624DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:40:15 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1059314	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	2995715	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.072	117	2635626	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1976597	9.071	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.041	85	31271m	0.168	ppbv	
3) Chlorodifluoromethane	2.983	51	56947m	0.423	ppbv	
4) Chloromethane	3.134	50	82838m	1.197	ppbv	
9) Propene	2.999	41	13458m	0.229	ppbv	
10) Heptane	8.105	43	14613m	0.107	ppbv	
11) Trichlorofluoromethane	3.944	101	36441m	0.216	ppbv	
13) Ethanol	3.603	45	188099m	58.687	ppbv	
15) Acetone	3.845	43	1722006	15.605	ppbv	99
17) tert-Butyl alcohol	4.298	59	13771m	0.161	ppbv	
19) Isopropyl Alcohol	3.963	45	151115m	2.920	ppbv	
20) Methylene Chloride	4.340	84	216180	4.649	ppbv	93
23) Vinyl Acetate	5.060	43	143306	1.570	ppbv #	86
26) Hexane	5.677	57	128998	1.180	ppbv #	44
29) Chloroform	5.742	83	55239	0.300	ppbv	98
34) 2-Butanone	5.243	43	217791	1.338	ppbv	99
35) Carbon Tetrachloride	7.008	117	13802m	0.063	ppbv	
36) Benzene	6.880	78	38714m	0.159	ppbv	
41) Tetrahydrofuran	6.066	42	17425m	0.178	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	50296m	0.118	ppbv	
50) 4-Methyl-2-Pentanone	8.748	43	35190m	0.144	ppbv	
51) 2-Hexanone	10.140	43	31672m	0.167	ppbv	
52) Tetrachloroethene	11.198	164	3837m	0.040	ppbv	
53) Toluene	9.796	91	128116	0.457	ppbv	99
59) m/p-Xylene	12.960	91	55849m	0.175	ppbv	

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

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