

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039184.D
 Acq On : 6 Jun 2022 13:34
 Operator : SY/AP
 Sample : N3110-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt
 06/07/2022
 Supervised By :Mahesh
 Dadoda
 06/07/2022

Quant Time: Jun 06 14:09:06 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 06 14:09:06 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	5.664	49	1240998	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	3487514	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	3122993	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2444398 9.467 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	21622m	0.099	ppbv	
3) Chlorodifluoromethane	2.989	51	21256	0.135	ppbv #	81
9) Propene	3.028	41	14601m	0.212	ppbv	
10) Heptane	8.118	43	18042m	0.112	ppbv	
11) Trichlorofluoromethane	3.954	101	32947m	0.167	ppbv	
13) Ethanol	3.597	45	150105	39.976	ppbv #	100
15) Acetone	3.848	43	319191	2.469	ppbv	96
19) Isopropyl Alcohol	3.967	45	59855m	0.987	ppbv	
20) Methylene Chloride	4.343	84	214501	3.937	ppbv	94
26) Hexane	5.681	57	510625	3.988	ppbv #	41
27) Carbon Disulfide	4.549	76	28508	0.215	ppbv #	83
29) Chloroform	5.748	83	117759	0.547	ppbv	84
34) 2-Butanone	5.250	43	45132m	0.238	ppbv	
35) Carbon Tetrachloride	7.015	117	198607	0.780	ppbv	98
52) Tetrachloroethene	11.211	164	141846m	1.283	ppbv	
53) Toluene	9.799	91	286502	0.879	ppbv	99
58) Ethyl Benzene	12.700	91	224262m	0.521	ppbv	
59) m/p-Xylene	12.957	91	865866	2.286	ppbv	92
60) o-Xylene	13.677	91	318503	0.895	ppbv	99
61) Styrene	13.519	104	18248m	0.096	ppbv	
64) n-propylbenzene	15.548	120	8604	0.066	ppbv #	1
65) tert-Butylbenzene	16.744	119	62825m	0.130	ppbv	
70) n-Butylbenzene	18.542	91	56864m	0.099	ppbv	
72) 4-Ethyltoluene	15.828	105	187773m	0.450	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	137185	0.365	ppbv	93
74) 1,2,4-Trimethylbenzene	16.748	105	526220	1.253	ppbv #	65

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

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