

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039959.D
 Acq On : 2 Dec 2022 2:07
 Operator : SY/MD
 Sample : N5851-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/02/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:37:34 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.156	49	970741	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.616	114	2704622	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.439	117	2589827	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	2300583	11.630	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.700	85	74088	0.533	ppbv	95
4) Chloromethane	2.780	50	69468	0.812	ppbv	95
5) Vinyl Chloride	2.886	62	13647m	0.204	ppbv	
9) Propene	2.665	41	1108214	17.563	ppbv	95
10) Heptane	7.552	43	58554m	0.385	ppbv	
11) Trichlorofluoromethane	3.530	101	39591m	0.233	ppbv	
13) Ethanol	3.205	45	917117	190.373	ppbv	99
15) Acetone	3.433	43	1492034	11.588	ppbv #	85
17) tert-Butyl alcohol	3.851	59	297515	2.010	ppbv	95
19) Isopropyl Alcohol	3.549	45	167842	2.408	ppbv #	1
20) Methylene Chloride	3.899	84	292475	4.689	ppbv	96
26) Hexane	5.179	57	267910	2.594	ppbv #	39
27) Carbon Disulfide	4.092	76	1459491	11.194	ppbv	98
34) 2-Butanone	4.758	43	426784	3.298	ppbv	98
35) Carbon Tetrachloride	6.462	117	10722m	0.070	ppbv	
36) Benzene	6.333	78	474589	2.064	ppbv	93
43) Methyl Methacrylate	7.446	69	48134	0.534	ppbv	96
44) 2,2,4-Trimethylpentane	7.291	57	81412m	0.212	ppbv	
50) 4-Methyl-2-Pentanone	8.156	43	231840	1.000	ppbv	100
52) Tetrachloroethene	10.587	164	50248	0.584	ppbv	93
53) Toluene	9.185	91	418126	1.597	ppbv	99
57) Chlorobenzene	11.507	112	272096m	1.374	ppbv	
58) Ethyl Benzene	12.060	91	245480m	0.699	ppbv	
59) m/p-Xylene	12.317	91	503982m	1.714	ppbv	
60) o-Xylene	13.034	91	172082m	0.614	ppbv	
73) 1,3,5-Trimethylbenzene	15.330	105	66744m	0.231	ppbv	
74) 1,2,4-Trimethylbenzene	16.085	105	237098m	0.776	ppbv	

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

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