

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038241.D
 Acq On : 29 Dec 2021 20:38
 Operator : SY/AP
 Sample : M5250-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 30 06:19:42 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	649014	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	1786987	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	1514569	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1188139	10.180	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	25574	0.209	ppbv	95
3) Chlorodifluoromethane	2.999	51	41347m	0.303	ppbv	
4) Chloromethane	3.150	50	23061	0.488	ppbv	96
9) Propene	3.028	41	86914m	1.835	ppbv	
10) Heptane	8.124	43	91806	0.764	ppbv	93
11) Trichlorofluoromethane	3.960	101	22064m	0.196	ppbv	
13) Ethanol	3.610	45	172755	21.518	ppbv #	100
15) Acetone	3.854	43	583869	8.964	ppbv	95
19) Isopropyl Alcohol	3.976	45	85504	2.105	ppbv #	1
20) Methylene Chloride	4.349	84	112710	3.065	ppbv	91
26) Hexane	5.690	57	361328	4.081	ppbv #	46
30) Cyclohexane	7.134	84	15180m	0.194	ppbv	
34) 2-Butanone	5.256	43	43961	0.818	ppbv	96
35) Carbon Tetrachloride	7.015	117	9875m	0.090	ppbv	
36) Benzene	6.890	78	71531	0.429	ppbv	97
44) 2,2,4-Trimethylpentane	7.867	57	58977m	0.208	ppbv	
52) Tetrachloroethene	11.214	164	2236m	0.036	ppbv	
53) Toluene	9.803	91	385228	2.003	ppbv	100
58) Ethyl Benzene	12.709	91	85256	0.363	ppbv	96
59) m/p-Xylene	12.963	91	196096m	0.976	ppbv	
60) o-Xylene	13.690	91	84724	0.455	ppbv	100
61) Styrene	13.523	104	12906m	0.137	ppbv	
74) 1,2,4-Trimethylbenzene	16.760	105	34157	0.169	ppbv #	65

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

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