

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040956.D
 Acq On : 22 Dec 2023 12:07
 Operator : SY/MD
 Sample : 05813-04RE
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10492RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 23 01:20:22 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Dec 22 23:57:16 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1040945	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2676804	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2261040	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1644865	9.876	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.768	85	94822	0.478	ppbv	94
3) Chlorodifluoromethane	2.694	51	332478	2.122	ppbv #	64
4) Chloromethane	2.851	50	28457	0.493	ppbv #	84
9) Propene	2.742	41	67753m	1.311	ppbv	
11) Trichlorofluoromethane	3.584	101	35354	0.228	ppbv #	75
13) Ethanol	3.263	45	171859	13.180	ppbv	94
15) Acetone	3.494	43	1105163	8.852	ppbv	99
19) Isopropyl Alcohol	3.597	45	2979050	45.730	ppbv #	99
20) Methylene Chloride	3.951	84	285727	6.421	ppbv	94
22) trans-1,2-Dichloroethene	4.459	96	5409	0.095	ppbv #	68
25) Ethyl Acetate	5.214	43	203310	0.940	ppbv #	81
26) Hexane	5.214	57	260740	2.720	ppbv #	42
34) 2-Butanone	4.796	43	29503m	0.208	ppbv	
35) Carbon Tetrachloride	6.481	117	11791m	0.070	ppbv	
36) Benzene	6.362	78	40289m	0.193	ppbv	
52) Tetrachloroethene	10.581	164	4310m	0.061	ppbv	
53) Toluene	9.198	91	129803	0.559	ppbv	98
58) Ethyl Benzene	12.060	91	30942m	0.107	ppbv	
59) m/p-Xylene	12.311	91	68814m	0.279	ppbv	
60) o-Xylene	13.021	91	23271m	0.100	ppbv	
74) 1,2,4-Trimethylbenzene	16.082	105	40903m	0.167	ppbv	

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

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