

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040813.D
 Acq On : 8 Nov 2023 16:38
 Operator : SY/MD
 Sample : 05290-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:31:04 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	975337	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2525620	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2093500	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1483782	9.632	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.771	85	108983	0.635	ppbv	98
3) Chlorodifluoromethane	2.716	51	61791m	0.431	ppbv	
4) Chloromethane	2.851	50	36425	0.644	ppbv	95
9) Propene	2.742	41	89194m	1.675	ppbv	
10) Heptane	7.587	43	31730m	0.237	ppbv	
11) Trichlorofluoromethane	3.591	101	47130	0.356	ppbv	98
13) Ethanol	3.272	45	213953	17.802	ppbv	96
15) Acetone	3.501	43	520739m	5.164	ppbv	
19) Isopropyl Alcohol	3.613	45	338932	5.222	ppbv #	42
20) Methylene Chloride	3.960	84	259040	6.168	ppbv	98
26) Hexane	5.230	57	253445	2.510	ppbv #	44
30) Cyclohexane	6.619	84	11802m	0.137	ppbv	
34) 2-Butanone	4.816	43	82134m	0.718	ppbv	
35) Carbon Tetrachloride	6.501	117	11878m	0.084	ppbv	
36) Benzene	6.378	78	81005	0.417	ppbv	98
44) 2,2,4-Trimethylpentane	7.337	57	77446m	0.236	ppbv	
52) Tetrachloroethene	10.606	164	3318m	0.042	ppbv	
53) Toluene	9.221	91	288578	1.248	ppbv	99
58) Ethyl Benzene	12.086	91	47928m	0.182	ppbv	
59) m/p-Xylene	12.340	91	125920m	0.580	ppbv	
60) o-Xylene	13.050	91	46577m	0.225	ppbv	
61) Styrene	12.886	104	21377m	0.187	ppbv	
74) 1,2,4-Trimethylbenzene	16.089	105	29026m	0.125	ppbv	

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

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