

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040382.D
 Acq On : 19 Apr 2023 16:34
 Operator : SY/MD
 Sample : 02368-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-2A

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:11:26 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

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

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1069389	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2650004	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2356144	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1863581 9.565 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	87614	0.454	ppbv	93
4) Chloromethane	2.796	50	42308	0.479	ppbv	95
9) Propene	2.687	41	71229	1.290	ppbv #	78
11) Trichlorofluoromethane	3.549	101	41714	0.214	ppbv	97
13) Ethanol	3.230	45	11345605	2461.824	ppbv	97
15) Acetone	3.452	43	1266025	8.359	ppbv	98
19) Isopropyl Alcohol	3.574	45	1397655	20.223	ppbv #	98
20) Methylene Chloride	3.922	84	91894	1.520	ppbv	93
26) Hexane	5.205	57	153317	1.427	ppbv #	57
29) Chloroform	5.269	83	30025	0.157	ppbv	96
34) 2-Butanone	4.777	43	103719	0.726	ppbv	99
35) Carbon Tetrachloride	6.497	117	12254m	0.066	ppbv	
36) Benzene	6.359	78	75326	0.348	ppbv #	94
44) 2,2,4-Trimethylpentane	7.320	57	69694	0.193	ppbv #	77
52) Tetrachloroethene	10.609	164	3796m	0.056	ppbv	
53) Toluene	9.220	91	173984	0.759	ppbv	100
58) Ethyl Benzene	12.089	91	36240m	0.125	ppbv	
59) m/p-Xylene	12.346	91	116786m	0.438	ppbv	
60) o-Xylene	13.060	91	48677	0.190	ppbv	96
74) 1,2,4-Trimethylbenzene	16.114	105	42716	0.143	ppbv #	74
76) 1,4-Dichlorobenzene	16.477	146	23371m	0.145	ppbv	

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

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