

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041982.D
 Acq On : 10 Feb 2025 12:04
 Operator : SY/MD
 Sample : Q1302-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:21:04 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	155568	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	428130	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	389923	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	301330	9.812	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	3575	0.169	ppbv	91
9) Propene	1.479	41	30208	3.303	ppbv	100
10) Heptane	4.972	43	27899m	1.141	ppbv	
11) Trichlorofluoromethane	1.871	101	10069m	0.457	ppbv	
13) Ethanol	1.719	45	11612	17.336	ppbv	87
15) Acetone	1.829	43	1917960	102.647	ppbv #	71
16) 1,3-Butadiene	1.599	39	8730m	1.041	ppbv	
17) tert-Butyl alcohol	2.039	59	29952	1.302	ppbv #	92
19) Isopropyl Alcohol	1.884	45	40295	3.637	ppbv #	32
20) Methylene Chloride	2.059	84	2141	0.290	ppbv #	85
26) Hexane	2.819	57	25305	1.270	ppbv #	36
27) Carbon Disulfide	2.146	76	10807	0.548	ppbv #	64
29) Chloroform	2.842	83	5210	0.165	ppbv	85
30) Cyclohexane	3.845	84	33594	1.944	ppbv	94
32) 1,1,1-Trichloroethane	3.360	97	11119	0.369	ppbv	95
34) 2-Butanone	2.551	43	570350	20.948	ppbv	99
35) Carbon Tetrachloride	3.752	117	7660	0.285	ppbv #	95
36) Benzene	3.648	78	66904	1.704	ppbv	97
38) Trichloroethene	4.535	130	636m	0.041	ppbv	
41) Tetrahydrofuran	3.052	42	18643	1.260	ppbv #	42
50) 4-Methyl-2-Pentanone	5.745	43	159843	4.300	ppbv	97
51) 2-Hexanone	7.432	43	118021	4.132	ppbv #	95
52) Tetrachloroethene	8.221	164	7240m	0.532	ppbv	
53) Toluene	6.923	91	688874	16.105	ppbv	99
58) Ethyl Benzene	9.351	91	10750m	0.176	ppbv	
59) m/p-Xylene	9.522	91	23924m	0.490	ppbv	
60) o-Xylene	9.959	91	11257	0.232	ppbv	98
61) Styrene	9.869	104	3142	0.144	ppbv #	83
73) 1,3,5-Trimethylbenzene	11.196	105	5988	0.117	ppbv	93
74) 1,2,4-Trimethylbenzene	11.532	105	12379	0.223	ppbv #	50

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

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