

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042158.D
 Acq On : 17 Mar 2025 15:19
 Operator : SY/MD
 Sample : Q1586-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 557-SG-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:26:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	163274	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	382025	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	334931	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	264151	10.251	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	9601	0.565	ppbv	96
3) Chlorodifluoromethane	1.479	51	8357m	0.352	ppbv	
4) Chloromethane	1.538	50	1815	0.289	ppbv	97
9) Propene	1.489	41	7485	0.774	ppbv	91
10) Heptane	5.001	43	8281m	0.275	ppbv	
11) Trichlorofluoromethane	1.884	101	5041	0.296	ppbv	99
13) Ethanol	1.735	45	403900	658.155	ppbv	92
15) Acetone	1.845	43	218573	15.159	ppbv	96
17) tert-Butyl alcohol	2.059	59	10351	0.574	ppbv	97
19) Isopropyl Alcohol	1.900	45	39394	4.756	ppbv #	1
20) Methylene Chloride	2.068	84	3246	0.595	ppbv #	92
26) Hexane	2.835	57	16293	0.698	ppbv #	38
27) Carbon Disulfide	2.159	76	38336	2.424	ppbv #	65
29) Chloroform	2.861	83	268454	8.549	ppbv	99
30) Cyclohexane	3.878	84	2611m	0.138	ppbv	
31) cis-1,2-Dichloroethene	2.735	61	3117	0.141	ppbv #	89
34) 2-Butanone	2.573	43	38525	1.294	ppbv	98
35) Carbon Tetrachloride	3.781	117	2456	0.093	ppbv #	96
36) Benzene	3.674	78	138238	3.457	ppbv	97
38) Trichloroethene	4.570	130	7745m	0.474	ppbv	
42) Bromodichloromethane	4.506	83	9604m	0.321	ppbv	
52) Tetrachloroethene	8.244	164	179431	13.106	ppbv	97
53) Toluene	6.956	91	9027m	0.202	ppbv	
59) m/p-Xylene	9.552	91	8380m	0.171	ppbv	
62) Isopropylbenzene	10.555	105	45133	0.611	ppbv	98
74) 1,2,4-Trimethylbenzene	11.549	105	20132	0.342	ppbv #	63
79) Naphthalene	13.526	128	31084	0.770	ppbv #	93

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

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