

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038173.D
 Acq On : 14 Dec 2021 19:25
 Operator : SY/AP
 Sample : M5075-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 AA-U

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:30:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	860863	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2298775	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2015781	10.00	ppbv	-0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.36	95	1612771	11.09	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	31593	0.222	ppbv	97
3) Chlorodifluoromethane	2.97	51	54569m	0.302	ppbv	
4) Chloromethane	3.12	50	26565	0.432	ppbv	89
9) Propene	3.00	41	91705	1.377	ppbv #	82
10) Heptane	8.08	43	24982m	0.152	ppbv	
11) Trichlorofluoromethane	3.92	101	31257	0.231	ppbv #	80
13) Ethanol	3.58	45	211898m	32.933	ppbv	
15) Acetone	3.83	43	299362	4.011	ppbv #	85
19) Isopropyl Alcohol	3.94	45	109630	2.033	ppbv #	92
20) Methylene Chloride	4.31	84	94294	2.255	ppbv	95
26) Hexane	5.65	57	98947	0.828	ppbv #	51
30) Cyclohexane	7.09	84	26674m	0.246	ppbv	
34) 2-Butanone	5.21	43	27578m	0.298	ppbv	
35) Carbon Tetrachloride	6.97	117	10740m	0.066	ppbv	
36) Benzene	6.85	78	99462	0.434	ppbv	95
44) 2,2,4-Trimethylpentane	7.82	57	75072m	0.196	ppbv	
53) Toluene	9.76	91	164500	0.623	ppbv	99
58) Ethyl Benzene	12.65	91	34160m	0.103	ppbv	
59) m/p-Xylene	12.91	91	92935m	0.331	ppbv	
60) o-Xylene	13.64	91	44637m	0.172	ppbv	
61) Styrene	13.47	104	1161563	8.327	ppbv	94
74) 1,2,4-Trimethylbenzene	16.71	105	30401	0.107	ppbv #	69

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

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