

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038100.D
 Acq On : 23 Nov 2021 15:24
 Operator : SY/AP
 Sample : M4805-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-ROOK-COFFEE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 24 07:45:33 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	5.66	49	939629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2613020	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2215424	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1763606	11.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	33253	0.214	ppbv	96
4) Chloromethane	3.15	50	31415	0.468	ppbv	90
9) Propene	3.03	41	90442m	1.245	ppbv	
10) Heptane	8.12	43	72410	0.403	ppbv	93
11) Trichlorofluoromethane	3.96	101	91689	0.621	ppbv	95
13) Ethanol	3.61	45	5548359	790.045	ppbv	89
15) Acetone	3.85	43	3038581	37.298	ppbv	99
19) Isopropyl Alcohol	3.98	45	4382120	74.446	ppbv	99
20) Methylene Chloride	4.35	84	601196	13.175	ppbv	97
23) Vinyl Acetate	5.06	43	268280	2.275	ppbv #	88
25) Ethyl Acetate	5.68	43	443768	1.639	ppbv #	90
26) Hexane	5.68	57	403926	3.095	ppbv #	61
27) Carbon Disulfide	4.56	76	11935m	0.102	ppbv	
29) Chloroform	5.75	83	52973	0.275	ppbv	87
34) 2-Butanone	5.24	43	235759	2.238	ppbv	98
35) Carbon Tetrachloride	7.02	117	10691m	0.058	ppbv	
36) Benzene	6.89	78	70248	0.270	ppbv #	95
41) Tetrahydrofuran	6.05	42	13684m	0.209	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	191542	0.439	ppbv	95
50) 4-Methyl-2-Pentanone	8.75	43	23001m	0.144	ppbv	
52) Tetrachloroethene	11.22	164	5948m	0.062	ppbv	
53) Toluene	9.80	91	581081	1.938	ppbv	99
58) Ethyl Benzene	12.70	91	159725	0.436	ppbv	91
59) m/p-Xylene	12.96	91	250209	0.812	ppbv	98
60) o-Xylene	13.68	91	84155	0.294	ppbv	95
61) Styrene	13.52	104	53276	0.348	ppbv	87
74) 1,2,4-Trimethylbenzene	16.75	105	36759	0.118	ppbv #	69

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

