

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038014.D
 Acq On : 10 Nov 2021 18:06
 Operator : SY/AP
 Sample : M4598-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 356-4DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 05:10:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1462855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4249396	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3557010	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2603960	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds

					Ovalue
3) Chlorodifluoromethane	2.99	51	927636m	3.406	ppbv
9) Propene	3.01	41	84477	0.865	ppbv 98
13) Ethanol	3.61	45	76713m	7.788	ppbv
15) Acetone	3.84	43	1048540	8.674	ppbv 93
17) tert-Butyl alcohol	4.31	59	15699m	0.125	ppbv
18) 1,1-Dichloroethene	4.28	96	23674m	0.322	ppbv
19) Isopropyl Alcohol	3.98	45	38601m	0.499	ppbv
20) Methylene Chloride	4.34	84	227397	3.427	ppbv 90
22) trans-1,2-Dichloroethene	4.88	96	145865	1.994	ppbv # 92
26) Hexane	5.67	57	226029	1.329	ppbv # 47
29) Chloroform	5.74	83	266832	1.052	ppbv 98
31) cis-1,2-Dichloroethene	5.54	61	4760829	30.675	ppbv 98
32) 1,1,1-Trichloroethane	6.50	97	71631m	0.287	ppbv
34) 2-Butanone	5.25	43	551569	3.503	ppbv 99
36) Benzene	6.89	78	48675	0.141	ppbv 98
38) Trichloroethene	7.86	130	32811692	228.446	ppbv # 90
52) Tetrachloroethene	11.37	164	106086659m	808.116	ppbv
53) Toluene	9.80	91	164732m	0.444	ppbv
58) Ethyl Benzene	12.73	91	50517m	0.116	ppbv
59) m/p-Xylene	12.98	91	164157m	0.425	ppbv
60) o-Xylene	13.70	91	57936m	0.159	ppbv
74) 1,2,4-Trimethylbenzene	16.75	105	42436m	0.104	ppbv

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

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