

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038852.D
 Acq On : 7 Apr 2022 22:10
 Operator : SY/AP
 Sample : N2273-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1160-1-SG-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/09/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 09:26:06 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1262357	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.21	114	3108758	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.12	117	2781134	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2183260	10.35	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.08	85	44218m	0.247	ppbv
3) Chlorodifluoromethane	3.01	51	52139m	0.338	ppbv
4) Chloromethane	3.17	50	35039	0.439	ppbv # 96
9) Propene	3.05	41	5896688m	72.343	ppbv
10) Heptane	8.15	43	875266	4.263	ppbv 97
11) Trichlorofluoromethane	3.98	101	40481	0.281	ppbv 84
13) Ethanol	3.63	45	1539846	310.862	ppbv # 100
15) Acetone	3.88	43	41537049	330.501	ppbv # 53
17) tert-Butyl alcohol	4.34	59	17845m	0.158	ppbv
19) Isopropyl Alcohol	3.99	45	1168825	18.196	ppbv # 100
20) Methylene Chloride	4.38	84	250459	5.495	ppbv 96
26) Hexane	5.72	57	515455	3.551	ppbv # 56
30) Cyclohexane	7.16	84	191216	1.495	ppbv 95
34) 2-Butanone	5.28	43	349344	2.844	ppbv 98
35) Carbon Tetrachloride	7.05	117	12340m	0.066	ppbv
36) Benzene	6.93	78	275490	0.974	ppbv 96
44) 2,2,4-Trimethylpentane	7.90	57	1615343	3.374	ppbv # 77
50) 4-Methyl-2-Pentanone	8.77	43	1067766	3.864	ppbv 100
52) Tetrachloroethene	11.26	164	156716m	1.586	ppbv
53) Toluene	9.84	91	1902226	5.827	ppbv 100
58) Ethyl Benzene	12.74	91	2406384	5.790	ppbv 93
59) m/p-Xylene	13.00	91	6947427	19.898	ppbv 98
60) o-Xylene	13.72	91	2422838	7.416	ppbv 98
61) Styrene	13.56	104	69578	0.350	ppbv 92
62) Isopropylbenzene	14.70	105	147724m	0.301	ppbv
65) tert-Butylbenzene	16.79	119	188873m	0.434	ppbv
72) 4-Ethyltoluene	15.87	105	786207	2.015	ppbv 96
73) 1,3,5-Trimethylbenzene	16.02	105	678748	1.937	ppbv 88
74) 1,2,4-Trimethylbenzene	16.79	105	1750014	4.724	ppbv # 72

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

