

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038850.D
 Acq On : 7 Apr 2022 20:52
 Operator : SY/AP
 Sample : N2273-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 09:18:37 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	1293301	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.21	114	3097660	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.12	117	2720001	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2194870	10.64	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.08	85	64731	0.353	ppbv	94
3) Chlorodifluoromethane	3.01	51	58525m	0.371	ppbv	
4) Chloromethane	3.17	50	56380	0.690	ppbv	97
9) Propene	3.05	41	4802790m	57.513	ppbv	
10) Heptane	8.15	43	712784	3.389	ppbv	97
11) Trichlorofluoromethane	3.98	101	43671	0.296	ppbv	95
13) Ethanol	3.63	45	1148718	226.353	ppbv #	100
15) Acetone	3.88	43	36305853	281.966	ppbv #	59
17) tert-Butyl alcohol	4.34	59	12692m	0.110	ppbv	
19) Isopropyl Alcohol	3.99	45	796247	12.099	ppbv #	100
20) Methylene Chloride	4.38	84	822163	17.606	ppbv	95
26) Hexane	5.72	57	1026429	6.902	ppbv #	46
30) Cyclohexane	7.16	84	159859	1.220	ppbv	97
34) 2-Butanone	5.28	43	375000	3.064	ppbv	96
35) Carbon Tetrachloride	7.06	117	13469m	0.073	ppbv	
36) Benzene	6.93	78	265588	0.942	ppbv	95
44) 2,2,4-Trimethylpentane	7.90	57	1587039	3.326	ppbv #	81
50) 4-Methyl-2-Pentanone	8.77	43	722718	2.625	ppbv	99
52) Tetrachloroethene	11.26	164	102495m	1.041	ppbv	
53) Toluene	9.84	91	1891012	5.813	ppbv	100
58) Ethyl Benzene	12.74	91	1898620	4.671	ppbv	94
59) m/p-Xylene	13.00	91	5647633	16.539	ppbv	98
60) o-Xylene	13.72	91	2014710	6.305	ppbv	94
61) Styrene	13.56	104	69748m	0.358	ppbv	
62) Isopropylbenzene	14.69	105	121549m	0.253	ppbv	
65) tert-Butylbenzene	16.79	119	225011m	0.529	ppbv	
70) n-Butylbenzene	18.58	91	79501	0.161	ppbv #	45
72) 4-Ethyltoluene	15.87	105	754291	1.977	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	672775	1.963	ppbv	86
74) 1,2,4-Trimethylbenzene	16.79	105	2043532	5.640	ppbv #	71

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

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