

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038856.D
 Acq On : 8 Apr 2022 00:47
 Operator : SY/AP
 Sample : N2273-07
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1160-1-SG-4

Manual Integrations
 APPROVED

Quant Time: Apr 08 09:43:39 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1093564	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.22	114	3003955	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.13	117	2696238	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2134541	10.44	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.08	85	17766m	0.115	ppbv	
3) Chlorodifluoromethane	3.01	51	44631m	0.334	ppbv	
4) Chloromethane	3.17	50	36179	0.524	ppbv	98
9) Propene	3.05	41	6956660m	98.520	ppbv	
10) Heptane	8.16	43	1748310	9.830	ppbv	96
11) Trichlorofluoromethane	3.98	101	33293	0.267	ppbv	98
13) Ethanol	3.65	45	2852285	664.692	ppbv #	100
15) Acetone	3.89	43	52410099m	481.383	ppbv	
17) tert-Butyl alcohol	4.35	59	44481m	0.456	ppbv	
19) Isopropyl Alcohol	4.01	45	6104089	109.696	ppbv #	100
20) Methylene Chloride	4.39	84	145606	3.688	ppbv	96
25) Ethyl Acetate	5.71	43	8292679	30.018	ppbv #	89
30) Cyclohexane	7.17	84	249297	2.249	ppbv	96
34) 2-Butanone	5.29	43	5478995	46.158	ppbv	98
35) Carbon Tetrachloride	7.06	117	10403m	0.058	ppbv	
36) Benzene	6.94	78	308059	1.127	ppbv	97
44) 2,2,4-Trimethylpentane	7.91	57	1135681	2.455	ppbv #	1
50) 4-Methyl-2-Pentanone	8.78	43	5010051	18.765	ppbv	97
52) Tetrachloroethene	11.27	164	108439	1.136	ppbv	92
53) Toluene	9.85	91	10292142	32.625	ppbv	97
58) Ethyl Benzene	12.75	91	4683947	11.626	ppbv	96
59) m/p-Xylene	13.01	91	12668207	37.426	ppbv	94
60) o-Xylene	13.73	91	4325269	13.656	ppbv	98
61) Styrene	13.57	104	8092228	41.936	ppbv	96
62) Isopropylbenzene	14.71	105	215846	0.454	ppbv	99
64) n-propylbenzene	15.60	120	224731m	1.821	ppbv	
65) tert-Butylbenzene	16.80	119	363153	0.861	ppbv #	62
67) sec-Butylbenzene	17.33	105	89363m	0.151	ppbv	
72) 4-Ethyltoluene	15.88	105	1472506	3.893	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	1145049	3.370	ppbv	94
74) 1,2,4-Trimethylbenzene	16.80	105	3411785	9.499	ppbv #	70
79) Naphthalene	22.24	128	47721m	0.178	ppbv	

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

