

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036359.D
 Acq On : 24 Feb 2021 20:42
 Operator : SY/AP
 Sample : M1463-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-11

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:17:28 PM

Quant Time: Feb 26 14:13:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1705575	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3887506	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3529431	10.00	ppbv	0.05

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2843640	9.79	ppbv	0.05	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	54262m	0.213	ppbv	
3) Chlorodifluoromethane	3.00	51	92951	0.439	ppbv #	87
4) Chloromethane	3.15	50	70475	0.688	ppbv #	82
9) Propene	3.02	41	225702m	2.857	ppbv	
10) Heptane	8.14	43	653255	2.805	ppbv	98
11) Trichlorofluoromethane	3.96	101	54011m	0.217	ppbv	
13) Ethanol	3.62	45	1508480	101.645	ppbv	90
15) Acetone	3.87	43	508091m	2.437	ppbv	
19) Isopropyl Alcohol	4.00	45	263877m	2.285	ppbv	
20) Methylene Chloride	4.36	84	2849947	42.371	ppbv	96
26) Hexane	5.70	57	1397226	8.449	ppbv #	39
30) Cyclohexane	7.15	84	154879	1.126	ppbv #	66
34) 2-Butanone	5.27	43	59001	0.228	ppbv #	85
35) Carbon Tetrachloride	7.04	117	15762m	0.060	ppbv	
36) Benzene	6.91	78	709598	2.149	ppbv	96
44) 2,2,4-Trimethylpentane	7.89	57	2390681	3.981	ppbv	92
53) Toluene	9.83	91	3328452	9.305	ppbv	99
58) Ethyl Benzene	12.73	91	692027	1.432	ppbv	97
59) m/p-Xylene	12.99	91	2050791m	4.831	ppbv	
60) o-Xylene	13.71	91	762425	1.878	ppbv	100
65) tert-Butylbenzene	16.78	119	64987	0.125	ppbv #	55
72) 4-Ethyltoluene	15.86	105	234986m	0.520	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	192292m	0.439	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	606458	1.357	ppbv #	69

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

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