

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036373.D
 Acq On : 25 Feb 2021 6:06
 Operator : SY/AP
 Sample : M1463-12
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-4

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:18:14 PM

Quant Time: Feb 26 14:38:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 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	5.67	49	1630931	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3563505	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3305690	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2596687	9.55	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	45253	0.186	ppbv	89
3) Chlorodifluoromethane	2.98	51	86711	0.428	ppbv #	85
4) Chloromethane	3.14	50	62015	0.633	ppbv #	82
9) Propene	3.01	41	84729	1.121	ppbv	87
10) Heptane	8.12	43	217797	0.978	ppbv	96
11) Trichlorofluoromethane	3.95	101	46853	0.197	ppbv	88
13) Ethanol	3.62	45	4770150	336.136	ppbv	88
15) Acetone	3.85	43	2555490	12.818	ppbv	99
17) tert-Butyl alcohol	4.31	59	68873m	0.445	ppbv	
19) Isopropyl Alcohol	3.99	45	4877438	44.159	ppbv #	98
20) Methylene Chloride	4.34	84	2668461	41.488	ppbv	96
26) Hexane	5.69	57	935533	5.916	ppbv #	41
30) Cyclohexane	7.14	84	43460m	0.330	ppbv	
34) 2-Butanone	5.25	43	139480	0.589	ppbv	99
35) Carbon Tetrachloride	7.01	117	13792m	0.058	ppbv	
36) Benzene	6.89	78	146481	0.484	ppbv	94
44) 2,2,4-Trimethylpentane	7.87	57	1361411	2.473	ppbv #	88
52) Tetrachloroethene	11.22	164	6411m	0.058	ppbv	
53) Toluene	9.81	91	1850176	5.643	ppbv	100
58) Ethyl Benzene	12.72	91	460845	1.018	ppbv	97
59) m/p-Xylene	12.97	91	1204808	3.030	ppbv	97
60) o-Xylene	13.70	91	435232	1.145	ppbv	100
64) n-propylbenzene	15.56	120	37382	0.267	ppbv	75
72) 4-Ethyltoluene	15.84	105	143382m	0.339	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	88699m	0.216	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	424942m	1.015	ppbv	

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

