

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036368.D
 Acq On : 25 Feb 2021 2:45
 Operator : SY/AP
 Sample : M1463-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-3

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:18:01 PM

Quant Time: Feb 26 14:31:49 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	5.68	49	1667119	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3678357	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3433867	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2728118	9.66	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	45529	0.183	ppbv	98
3) Chlorodifluoromethane	2.99	51	75310m	0.364	ppbv	
4) Chloromethane	3.14	50	65925	0.659	ppbv #	77
9) Propene	3.02	41	88253	1.143	ppbv #	81
10) Heptane	8.14	43	252156	1.108	ppbv	93
11) Trichlorofluoromethane	3.96	101	54932	0.225	ppbv	99
13) Ethanol	3.64	45	5336913	367.911	ppbv	90
15) Acetone	3.85	43	2662639	13.066	ppbv	100
17) tert-Butyl alcohol	4.33	59	76101m	0.481	ppbv	
19) Isopropyl Alcohol	4.00	45	5763665	51.050	ppbv #	98
20) Methylene Chloride	4.35	84	2800570	42.597	ppbv	98
26) Hexane	5.70	57	962835	5.957	ppbv #	41
30) Cyclohexane	7.14	84	50507m	0.376	ppbv	
34) 2-Butanone	5.26	43	125163	0.512	ppbv #	87
35) Carbon Tetrachloride	7.03	117	13954m	0.057	ppbv	
36) Benzene	6.91	78	138573	0.443	ppbv #	91
44) 2,2,4-Trimethylpentane	7.88	57	1533651	2.699	ppbv	90
52) Tetrachloroethene	11.23	164	8889m	0.078	ppbv	
53) Toluene	9.82	91	2257919	6.671	ppbv	99
58) Ethyl Benzene	12.73	91	542797	1.154	ppbv	99
59) m/p-Xylene	12.99	91	1369870	3.317	ppbv	96
60) o-Xylene	13.71	91	499572	1.265	ppbv	99
62) Isopropylbenzene	14.69	105	69339	0.117	ppbv	100
72) 4-Ethyltoluene	15.85	105	174675m	0.397	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	103899m	0.244	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	529098	1.217	ppbv #	73

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

