

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036355.D
 Acq On : 24 Feb 2021 18:02
 Operator : SY/AP
 Sample : M1463-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-13

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 4:17:16 PM

Quant Time: Feb 26 14:01:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 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	1637777	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3644292	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3407733	10.00	ppbv	0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2720821	9.70	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	3.05	85	44073	0.180	ppbv	95
3) Chlorodifluoromethane	2.99	51	86901	0.427	ppbv #	90
4) Chloromethane	3.14	50	64011m	0.651	ppbv	
9) Propene	3.02	41	315575	4.159	ppbv	84
10) Heptane	8.14	43	318149m	1.423	ppbv	
11) Trichlorofluoromethane	3.96	101	54497m	0.228	ppbv	
13) Ethanol	3.63	45	4806291	337.267	ppbv	90
15) Acetone	3.86	43	2506506	12.520	ppbv	97
19) Isopropyl Alcohol	3.99	45	5553596	50.071	ppbv #	98
20) Methylene Chloride	4.36	84	1383687	21.423	ppbv	93
26) Hexane	5.70	57	563840	3.551	ppbv #	45
27) Carbon Disulfide	4.56	76	73272m	0.502	ppbv	
30) Cyclohexane	7.14	84	59139m	0.448	ppbv	
34) 2-Butanone	5.26	43	126520	0.523	ppbv	93
35) Carbon Tetrachloride	7.03	117	15237m	0.062	ppbv	
36) Benzene	6.90	78	205821m	0.665	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	1673074	2.972	ppbv #	89
52) Tetrachloroethene	11.24	164	9162m	0.081	ppbv	
53) Toluene	9.82	91	2693864	8.034	ppbv	99
58) Ethyl Benzene	12.73	91	757734	1.624	ppbv	96
59) m/p-Xylene	12.99	91	1906898m	4.652	ppbv	
60) o-Xylene	13.71	91	689453	1.759	ppbv	100
62) Isopropylbenzene	14.69	105	95113m	0.162	ppbv	
64) n-propylbenzene	15.58	120	66476	0.460	ppbv	64
65) tert-Butylbenzene	16.78	119	71897	0.143	ppbv #	55
70) n-Butylbenzene	18.58	91	62857m	0.105	ppbv	
72) 4-Ethyltoluene	15.86	105	237943m	0.546	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	137534	0.325	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	728594	1.688	ppbv #	71

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

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