

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037251.D
 Acq On : 29 Jun 2021 16:22
 Operator : SY/AP
 Sample : M2887-01 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 3:38:19 PM

Quant Time: Jun 30 06:07:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1735593	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	5018844	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	4450678	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	3342695	9.91	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	630357	5.842	ppbv	95
10) Heptane	8.11	43	103615m	0.396	ppbv	
13) Ethanol	3.61	45	223481m	13.388	ppbv	
15) Acetone	3.84	43	4658849	23.804	ppbv	97
17) tert-Butyl alcohol	4.31	59	120923m	0.668	ppbv	
19) Isopropyl Alcohol	3.98	45	64581m	0.545	ppbv	
20) Methylene Chloride	4.34	84	1250929	10.676	ppbv	97
26) Hexane	5.68	57	953250	4.451	ppbv #	46
30) Cyclohexane	7.12	84	20925	0.117	ppbv #	11
34) 2-Butanone	5.25	43	220877	1.132	ppbv #	90
36) Benzene	6.88	78	104548	0.258	ppbv #	92
50) 4-Methyl-2-Pentanone	8.75	43	44349m	0.165	ppbv	
51) 2-Hexanone	10.14	43	40963m	0.314	ppbv	
53) Toluene	9.80	91	152941	0.315	ppbv	99
57) Chlorobenzene	12.14	112	37865m	0.105	ppbv	
59) m/p-Xylene	12.96	91	99402m	0.191	ppbv	
67) sec-Butylbenzene	17.29	105	124386m	0.150	ppbv	
69) p-Isopropyltoluene	17.64	119	235317	0.335	ppbv #	93
72) 4-Ethyltoluene	15.82	105	63887m	0.114	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	63633m	0.117	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	191543	0.342	ppbv #	73
79) Naphthalene	22.19	128	70407m	0.151	ppbv	

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

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