

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL070221\
 Data File : VL037273.D
 Acq On : 2 Jul 2021 13:55
 Operator : SY/AP
 Sample : M2911-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DUP

Manual Integrations
 APPROVED

MMDadoda
 7/6/2021 6:44:33 PM

Quant Time: Jul 12 09:05:27 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	5.68	49	1193047	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3453158	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3008188	10.00	ppbv	0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2312615	10.15	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.06	85	57593	0.278	ppbv	92
3) Chlorodifluoromethane	3.00	51	108652m	0.468	ppbv	
4) Chloromethane	3.15	50	40090	0.519	ppbv	91
9) Propene	3.03	41	761859m	10.271	ppbv	
11) Trichlorofluoromethane	3.96	101	161407	0.729	ppbv	91
13) Ethanol	3.62	45	391523	34.122	ppbv	49
15) Acetone	3.86	43	1314736m	9.772	ppbv	
19) Isopropyl Alcohol	3.98	45	1054233	12.937	ppbv	98
20) Methylene Chloride	4.36	84	619067	7.686	ppbv	94
26) Hexane	5.70	57	488591	3.319	ppbv #	58
29) Chloroform	5.76	83	64942	0.286	ppbv #	83
34) 2-Butanone	5.27	43	83172	0.619	ppbv #	88
35) Carbon Tetrachloride	7.03	117	13474m	0.058	ppbv	
36) Benzene	6.91	78	59563	0.213	ppbv	95
38) Trichloroethene	7.85	130	6530m	0.049	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	62480	0.133	ppbv #	73
53) Toluene	9.83	91	825545	2.475	ppbv	100
59) m/p-Xylene	12.99	91	71632m	0.204	ppbv	
61) Styrene	13.55	104	23349m	0.135	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	41225m	0.109	ppbv	
76) 1,4-Dichlorobenzene	17.16	146	401113m	1.747	ppbv	

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

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