

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037088.D
 Acq On : 2 Jun 2021 2:54
 Operator : SY/AP
 Sample : M2548-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2A

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:59:28 PM

Quant Time: Jun 06 21:33:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1382401	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3982133	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3583135	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2632349	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	146448	0.624	ppbv	98
3) Chlorodifluoromethane	2.98	51	102162	0.403	ppbv #	86
4) Chloromethane	3.13	50	50957m	0.591	ppbv	
9) Propene	3.01	41	111861m	1.233	ppbv	
11) Trichlorofluoromethane	3.94	101	76689	0.353	ppbv	87
13) Ethanol	3.59	45	6577707	543.615	ppbv	94
15) Acetone	3.83	43	4505361	31.819	ppbv	96
17) tert-Butyl alcohol	4.29	59	37528m	0.289	ppbv	
19) Isopropyl Alcohol	3.96	45	702123	9.225	ppbv #	1
20) Methylene Chloride	4.33	84	290866	3.832	ppbv	100
26) Hexane	5.67	57	488946	2.813	ppbv #	48
29) Chloroform	5.73	83	61318m	0.250	ppbv	
34) 2-Butanone	5.23	43	194430	1.341	ppbv	91
35) Carbon Tetrachloride	6.99	117	13600m	0.051	ppbv	
36) Benzene	6.87	78	34784	0.101	ppbv	93
44) 2,2,4-Trimethylpentane	7.85	57	61352m	0.104	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	51714m	0.216	ppbv	
53) Toluene	9.79	91	511733	1.254	ppbv	100
59) m/p-Xylene	12.94	91	54175m	0.130	ppbv	

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

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