

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037305.D
 Acq On : 31 Jul 2021 5:59
 Operator : SY/AP
 Sample : M3121-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-4

Manual Integrations
 APPROVED

MMDadoda
 8/2/2021 8:58:42 AM

Quant Time: Jul 31 07:59:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 31 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1125520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3514361	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3086118	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2251564	10.03	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	56096	0.346	ppbv	100
3) Chlorodifluoromethane	2.98	51	1009957	4.478	ppbv	96
4) Chloromethane	3.14	50	46790m	0.595	ppbv	
9) Propene	3.02	41	64590m	0.851	ppbv	
11) Trichlorofluoromethane	3.94	101	51527	0.256	ppbv	89
13) Ethanol	3.60	45	1588057	95.235	ppbv	96
15) Acetone	3.85	43	1506447	7.431	ppbv	95
17) tert-Butyl alcohol	4.31	59	15896m	0.123	ppbv	
19) Isopropyl Alcohol	3.97	45	3299306	42.065	ppbv #	98
20) Methylene Chloride	4.34	84	358435	4.569	ppbv	94
26) Hexane	5.68	57	157618m	1.003	ppbv	
29) Chloroform	5.75	83	45709	0.203	ppbv	93
34) 2-Butanone	5.25	43	105427	0.699	ppbv	95
35) Carbon Tetrachloride	7.01	117	12266m	0.055	ppbv	
36) Benzene	6.89	78	47785	0.161	ppbv	98
52) Tetrachloroethene	11.22	164	53040m	0.404	ppbv	
53) Toluene	9.80	91	566205	1.619	ppbv	100
59) m/p-Xylene	12.96	91	80551m	0.221	ppbv	
60) o-Xylene	13.69	91	37805m	0.108	ppbv	
72) 4-Ethyltoluene	15.83	105	43286m	0.105	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	60507m	0.158	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	143204	0.340	ppbv #	68
76) 1,4-Dichlorobenzene	17.13	146	59576m	0.228	ppbv	

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

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