

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
 Data File : VL037645.D
 Acq On : 17 Sep 2021 17:23
 Operator : SY/AP
 Sample : M3801-02DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:28:38 PM

Quant Time: Sep 18 09:18:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1400841	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4025009	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3480900	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2423512	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	65769	0.259	ppbv	92
3) Chlorodifluoromethane	2.98	51	237790m	0.900	ppbv	
4) Chloromethane	3.13	50	52921	0.542	ppbv #	77
9) Propene	3.01	41	85051	0.913	ppbv	86
10) Heptane	8.11	43	33445m	0.154	ppbv	
11) Trichlorofluoromethane	3.94	101	214218	1.053	ppbv	94
13) Ethanol	3.59	45	3960097	434.375	ppbv	91
15) Acetone	3.84	43	1464086	10.059	ppbv	99
19) Isopropyl Alcohol	3.95	45	7653759	96.648	ppbv #	93
20) Methylene Chloride	4.33	84	2142679	30.837	ppbv	98
26) Hexane	5.67	57	789340	4.714	ppbv #	51
29) Chloroform	5.74	83	35821m	0.146	ppbv	
34) 2-Butanone	5.23	43	152102	0.930	ppbv #	90
35) Carbon Tetrachloride	7.00	117	12533m	0.055	ppbv	
36) Benzene	6.87	78	71858	0.214	ppbv #	90
44) 2,2,4-Trimethylpentane	7.85	57	80140	0.142	ppbv #	83
50) 4-Methyl-2-Pentanone	8.74	43	49024m	0.236	ppbv	
52) Tetrachloroethene	11.20	164	6644m	0.052	ppbv	
53) Toluene	9.79	91	147363m	0.395	ppbv	
59) m/p-Xylene	12.94	91	83329m	0.207	ppbv	
61) Styrene	13.50	104	65155m	0.345	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	52122m	0.121	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	73015m	0.276	ppbv	
79) Naphthalene	22.18	128	40757m	0.154	ppbv	

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

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