

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036880.D
 Acq On : 28 Apr 2021 15:23
 Operator : SY/AP
 Sample : M2201-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:53:42 PM

Quant Time: Apr 29 03:28:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1503018	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3482615	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3084020	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2387369	9.64	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.06	85	44305	0.187	ppbv	97
3) Chlorodifluoromethane	3.00	51	85321	0.312	ppbv #	87
4) Chloromethane	3.15	50	51560	0.573	ppbv	97
9) Propene	3.03	41	2520658m	30.214	ppbv	
11) Trichlorofluoromethane	3.96	101	40380	0.191	ppbv	95
13) Ethanol	3.72	45	75234302m	7071.469	ppbv	
15) Acetone	3.86	43	4280378	30.215	ppbv	97
17) tert-Butyl alcohol	4.41	59	545928m	4.748	ppbv	
20) Methylene Chloride	4.36	84	459753	6.787	ppbv	92
26) Hexane	5.70	57	332438	2.053	ppbv #	45
29) Chloroform	5.76	83	45703m	0.181	ppbv	
30) Cyclohexane	7.18	84	39807m	0.310	ppbv	
34) 2-Butanone	5.27	43	96888m	0.635	ppbv	
35) Carbon Tetrachloride	7.03	117	16260m	0.069	ppbv	
36) Benzene	6.91	78	58198m	0.198	ppbv	
52) Tetrachloroethene	11.25	164	4646m	0.046	ppbv	
53) Toluene	9.83	91	477394	1.555	ppbv	98

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

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