

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036779.D
 Acq On : 9 Apr 2021 18:09
 Operator : SY/AP
 Sample : M1987-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-AA(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 5:42:53 PM

Quant Time: Apr 10 11:49:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1309922	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3081200	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2431533	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1694166	8.74	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	55040m	0.258	ppbv	
3) Chlorodifluoromethane	2.98	51	68031	0.278	ppbv	93
4) Chloromethane	3.13	50	50133	0.580	ppbv	92
9) Propene	3.01	41	298780m	3.829	ppbv	
10) Heptane	8.12	43	21958m	0.110	ppbv	
11) Trichlorofluoromethane	3.94	101	40372	0.185	ppbv	86
13) Ethanol	3.61	45	176939m	19.044	ppbv	
15) Acetone	3.85	43	217507m	1.687	ppbv	
19) Isopropyl Alcohol	3.98	45	80121m	1.130	ppbv	
20) Methylene Chloride	4.33	84	89755m	1.487	ppbv	
26) Hexane	5.68	57	149690	1.052	ppbv #	50
30) Cyclohexane	7.15	84	33253m	0.288	ppbv	
34) 2-Butanone	5.25	43	53040m	0.353	ppbv	
35) Carbon Tetrachloride	7.00	117	14176m	0.060	ppbv	
36) Benzene	6.88	78	57756m	0.203	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	142524	0.285	ppbv #	80
53) Toluene	9.80	91	239090	0.790	ppbv	99
59) m/p-Xylene	12.96	91	65709m	0.213	ppbv	

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

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