

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036777.D
 Acq On : 9 Apr 2021 16:49
 Operator : SY/AP
 Sample : M1987-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-IA-6(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 5:42:49 PM

Quant Time: Apr 10 11:47:13 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	1273040	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2964182	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2361956	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	1501579	7.98	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	38131	0.184	ppbv	95
3) Chlorodifluoromethane	2.98	51	92084	0.387	ppbv	99
4) Chloromethane	3.13	50	44841	0.534	ppbv	95
9) Propene	3.01	41	752053m	9.918	ppbv	
10) Heptane	8.12	43	23676m	0.123	ppbv	
11) Trichlorofluoromethane	3.94	101	42829m	0.202	ppbv	
13) Ethanol	3.59	45	1277790	141.511	ppbv	94
15) Acetone	3.85	43	296915m	2.370	ppbv	
19) Isopropyl Alcohol	3.96	45	119134m	1.728	ppbv	
20) Methylene Chloride	4.34	84	85930m	1.465	ppbv	
26) Hexane	5.67	57	300943	2.177	ppbv #	48
27) Carbon Disulfide	4.54	76	31745	0.233	ppbv #	63
30) Cyclohexane	7.15	84	35516m	0.317	ppbv	
34) 2-Butanone	5.24	43	99890m	0.690	ppbv	
35) Carbon Tetrachloride	7.00	117	15973m	0.070	ppbv	
36) Benzene	6.88	78	61199	0.224	ppbv	95
44) 2,2,4-Trimethylpentane	7.86	57	86435m	0.180	ppbv	
53) Toluene	9.80	91	510255	1.753	ppbv	98
58) Ethyl Benzene	12.70	91	38554m	0.112	ppbv	
59) m/p-Xylene	12.96	91	129260m	0.431	ppbv	
60) o-Xylene	13.68	91	49143m	0.170	ppbv	

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

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