

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036774.D
 Acq On : 9 Apr 2021 14:49
 Operator : SY/AP
 Sample : M1987-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-IA-4(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 5:42:44 PM

Quant Time: Apr 10 11:43:13 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	1332172	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3142202	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2473593	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	1598009	8.11	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	45470	0.209	ppbv	93
3) Chlorodifluoromethane	2.98	51	93048	0.374	ppbv #	88
4) Chloromethane	3.13	50	47060	0.535	ppbv #	82
9) Propene	3.01	41	802373m	10.112	ppbv	
10) Heptane	8.12	43	29591	0.146	ppbv #	76
11) Trichlorofluoromethane	3.94	101	39459	0.178	ppbv	90
13) Ethanol	3.59	45	744409	78.782	ppbv	94
15) Acetone	3.85	43	358296m	2.733	ppbv	
19) Isopropyl Alcohol	3.96	45	148620	2.061	ppbv #	94
20) Methylene Chloride	4.33	84	452360	7.369	ppbv	94
26) Hexane	5.67	57	484578	3.350	ppbv #	47
30) Cyclohexane	7.14	84	33897m	0.289	ppbv	
34) 2-Butanone	5.24	43	67875	0.443	ppbv	92
35) Carbon Tetrachloride	7.00	117	13917m	0.058	ppbv	
36) Benzene	6.88	78	98036	0.338	ppbv	97
44) 2,2,4-Trimethylpentane	7.86	57	177361m	0.348	ppbv	
53) Toluene	9.79	91	641927	2.080	ppbv	99
58) Ethyl Benzene	12.70	91	49022m	0.136	ppbv	
59) m/p-Xylene	12.96	91	157629m	0.502	ppbv	
60) o-Xylene	13.68	91	47655	0.157	ppbv	94

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

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