

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036775.D
 Acq On : 9 Apr 2021 15:30
 Operator : SY/AP
 Sample : M1987-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 5:42:45 PM

Quant Time: Apr 10 11:45:05 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	1275890	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3065007	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2411383	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1558561	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	44885	0.216	ppbv	91
3) Chlorodifluoromethane	2.98	51	87887	0.369	ppbv #	88
4) Chloromethane	3.13	50	43043	0.511	ppbv	99
9) Propene	3.01	41	784421m	10.322	ppbv	
10) Heptane	8.11	43	33421m	0.173	ppbv	
11) Trichlorofluoromethane	3.94	101	39810	0.188	ppbv	84
13) Ethanol	3.60	45	778275	85.999	ppbv	97
15) Acetone	3.85	43	367245m	2.924	ppbv	
19) Isopropyl Alcohol	3.97	45	165648m	2.398	ppbv	
20) Methylene Chloride	4.33	84	585458	9.957	ppbv	93
26) Hexane	5.67	57	541246	3.907	ppbv #	47
30) Cyclohexane	7.14	84	33112m	0.295	ppbv	
34) 2-Butanone	5.24	43	67380	0.450	ppbv	93
35) Carbon Tetrachloride	7.01	117	14424m	0.061	ppbv	
36) Benzene	6.88	78	94003	0.333	ppbv	95
44) 2,2,4-Trimethylpentane	7.86	57	171050m	0.344	ppbv	
53) Toluene	9.80	91	624144	2.073	ppbv	99
58) Ethyl Benzene	12.70	91	46972m	0.134	ppbv	
59) m/p-Xylene	12.97	91	147980m	0.484	ppbv	
60) o-Xylene	13.68	91	48669m	0.164	ppbv	

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

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