

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037778.D
 Acq On : 5 Oct 2021 17:57
 Operator : SY/AP
 Sample : M4012-06DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P28DUP

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:18 PM

Quant Time: Oct 06 06:05:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1287313	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3707741	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3180278	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2157585	9.70	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	39908	0.194	ppbv #	88
3) Chlorodifluoromethane	2.98	51	57469	0.232	ppbv	94
4) Chloromethane	3.13	50	37212m	0.411	ppbv	
9) Propene	3.01	41	52031	0.572	ppbv	98
10) Heptane	8.10	43	26158m	0.127	ppbv	
11) Trichlorofluoromethane	3.94	101	40866m	0.223	ppbv	
13) Ethanol	3.59	45	306666m	41.202	ppbv	
15) Acetone	3.83	43	1576049	13.638	ppbv	98
17) tert-Butyl alcohol	4.29	59	72101m	0.606	ppbv	
19) Isopropyl Alcohol	3.96	45	167418m	2.329	ppbv	
20) Methylene Chloride	4.33	84	567417	9.718	ppbv	94
26) Hexane	5.67	57	249687	1.564	ppbv #	44
34) 2-Butanone	5.23	43	210078	1.403	ppbv #	89
35) Carbon Tetrachloride	6.99	117	12660m	0.060	ppbv	
36) Benzene	6.87	78	60419	0.191	ppbv #	93
44) 2,2,4-Trimethylpentane	7.84	57	122396	0.230	ppbv #	84
50) 4-Methyl-2-Pentanone	8.74	43	23966m	0.123	ppbv	
52) Tetrachloroethene	11.20	164	42789	0.347	ppbv #	78
53) Toluene	9.78	91	194836	0.555	ppbv	100
58) Ethyl Benzene	12.68	91	150064m	0.351	ppbv	
59) m/p-Xylene	12.94	91	599007m	1.634	ppbv	
60) o-Xylene	13.66	91	154757m	0.441	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	53863m	0.142	ppbv	

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

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