

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037690.D
 Acq On : 27 Sep 2021 21:15
 Operator : SY/AP
 Sample : M3948-02 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:05:22 AM

Quant Time: Sep 28 02:58:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1588989	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4607145	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4059845	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	2756733	9.40	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.00	51	85176	0.284	ppbv	95
9) Propene	3.02	41	51342m	0.486	ppbv	
13) Ethanol	3.62	45	54090m	5.231	ppbv	
15) Acetone	3.85	43	4378785	26.523	ppbv	99
16) 1,3-Butadiene	3.31	39	183316m	1.777	ppbv	
17) tert-Butyl alcohol	4.32	59	44255m	0.316	ppbv	
19) Isopropyl Alcohol	3.99	45	169625	1.888	ppbv #	89
20) Methylene Chloride	4.35	84	42739	0.542	ppbv #	73
26) Hexane	5.70	57	46653	0.246	ppbv #	42
29) Chloroform	5.76	83	71462	0.258	ppbv #	80
32) 1,1,1-Trichloroethane	6.52	97	40221m	0.156	ppbv	
34) 2-Butanone	5.26	43	503751	2.691	ppbv	97
38) Trichloroethene	7.84	130	1690871	10.536	ppbv	98
51) 2-Hexanone	10.15	43	162800m	1.553	ppbv	
52) Tetrachloroethene	11.23	164	1369537	9.286	ppbv	98
53) Toluene	9.81	91	102364	0.240	ppbv	100
58) Ethyl Benzene	12.71	91	65253m	0.121	ppbv	
59) m/p-Xylene	12.97	91	231856m	0.494	ppbv	
60) o-Xylene	13.69	91	128760	0.288	ppbv	93
72) 4-Ethyltoluene	15.85	105	56252m	0.110	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	74476m	0.156	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	278031	0.552	ppbv #	75

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

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