

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037691.D
 Acq On : 27 Sep 2021 21:53
 Operator : SY/AP
 Sample : M3948-03 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:05:28 AM

Quant Time: Sep 28 20:55:49 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	1542008	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	4662049	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	4112445	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.42	95	2929544	9.86	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.00	51	29748m	0.102	ppbv	
9) Propene	3.02	41	78738m	0.767	ppbv	
13) Ethanol	3.61	45	3084082	307.317	ppbv	90
15) Acetone	3.85	43	6779877	42.318	ppbv	99
17) tert-Butyl alcohol	4.30	59	76360	0.562	ppbv #	92
19) Isopropyl Alcohol	3.98	45	697220	7.998	ppbv #	1
20) Methylene Chloride	4.36	84	52063m	0.681	ppbv	
26) Hexane	5.69	57	286140	1.552	ppbv #	47
29) Chloroform	5.76	83	53695m	0.199	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	13781m	0.055	ppbv	
34) 2-Butanone	5.25	43	482991	2.549	ppbv	94
38) Trichloroethene	7.84	130	178789	1.101	ppbv	92
50) 4-Methyl-2-Pentanone	8.75	43	121681m	0.506	ppbv	
51) 2-Hexanone	10.14	43	138699m	1.307	ppbv	
52) Tetrachloroethene	11.23	164	389023	2.607	ppbv	94
53) Toluene	9.81	91	197673	0.457	ppbv	100
58) Ethyl Benzene	12.71	91	81117m	0.149	ppbv	
59) m/p-Xylene	12.97	91	242950m	0.511	ppbv	
60) o-Xylene	13.69	91	127671m	0.282	ppbv	
72) 4-Ethyltoluene	15.83	105	66679m	0.128	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	74474m	0.154	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	294957	0.578	ppbv #	71

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

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