

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037511.D
 Acq On : 19 Aug 2021 23:10
 Operator : SY/AP
 Sample : M3480-07
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-4

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:31:42 PM

Quant Time: Aug 20 15:02:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 18 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1390614	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4092423	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3473855	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2410337	9.77	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	56859m	0.255	ppbv	
3) Chlorodifluoromethane	2.99	51	2014707m	7.566	ppbv	
9) Propene	3.02	41	137815	1.446	ppbv	91
10) Heptane	8.12	43	35920m	0.164	ppbv	
11) Trichlorofluoromethane	3.96	101	35429	0.169	ppbv	92
13) Ethanol	3.61	45	9727406	1049.207	ppbv	95
15) Acetone	3.85	43	4405735	31.130	ppbv	91
19) Isopropyl Alcohol	3.98	45	4325400	53.347	ppbv	99
20) Methylene Chloride	4.35	84	487137	6.875	ppbv	91
26) Hexane	5.69	57	374915	2.134	ppbv	84
29) Chloroform	5.76	83	98493	0.396	ppbv	99
30) Cyclohexane	7.14	84	34558m	0.236	ppbv	
34) 2-Butanone	5.25	43	199735	1.195	ppbv	# 89
35) Carbon Tetrachloride	7.02	117	14990m	0.062	ppbv	
36) Benzene	6.89	78	42523m	0.124	ppbv	
38) Trichloroethene	7.83	130	23647m	0.168	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	40411m	0.185	ppbv	
52) Tetrachloroethene	11.22	164	8427m	0.060	ppbv	
53) Toluene	9.81	91	200596m	0.511	ppbv	
59) m/p-Xylene	12.97	91	84321m	0.202	ppbv	
61) Styrene	13.53	104	42314m	0.209	ppbv	
69) p-Isopropyltoluene	17.66	119	56778m	0.099	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	48174m	0.105	ppbv	
79) Naphthalene	22.21	128	46345m	0.151	ppbv	

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

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