

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037587.D
 Acq On : 9 Sep 2021 1:17
 Operator : SY/AP
 Sample : M3663-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:53:36 AM

Quant Time: Sep 09 09:15:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.677	49	1660987	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4750326	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4302021	10.000	ppbv	0.04

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System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.426	95	3105739	10.162	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.980	51	73470m	0.231	ppbv	
9) Propene	3.021	41	745164	6.548	ppbv	86
10) Heptane	8.131	43	137121m	0.523	ppbv	
11) Trichlorofluoromethane	3.957	101	22639m	0.090	ppbv	
13) Ethanol	3.619	45	110688m	9.996	ppbv	
15) Acetone	3.854	43	5459105	32.294	ppbv	100
17) tert-Butyl alcohol	4.298	59	450234	2.916	ppbv	96
19) Isopropyl Alcohol	3.976	45	90351	0.933	ppbv #	95
20) Methylene Chloride	4.356	84	206211	2.436	ppbv	93
26) Hexane	5.697	57	525419	2.504	ppbv #	46
27) Carbon Disulfide	4.562	76	224072	1.198	ppbv	99
29) Chloroform	5.767	83	37674m	0.127	ppbv	
30) Cyclohexane	7.134	84	46320m	0.265	ppbv	
32) 1,1,1-Trichloroethane	6.526	97	158965	0.544	ppbv	97
34) 2-Butanone	5.256	43	829942	4.278	ppbv	94
36) Benzene	6.902	78	234253m	0.587	ppbv	
38) Trichloroethene	7.844	130	4263404m	26.021	ppbv	
52) Tetrachloroethene	11.243	164	5843360	35.709	ppbv	97
53) Toluene	9.819	91	4690739	10.287	ppbv	99
58) Ethyl Benzene	12.725	91	985723	1.651	ppbv	92
59) m/p-Xylene	12.979	91	2661268	5.142	ppbv	96
60) o-Xylene	13.706	91	882934	1.828	ppbv	98
72) 4-Ethyltoluene	15.851	105	238875	0.416	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.008	105	125982	0.236	ppbv	90
74) 1,2,4-Trimethylbenzene	16.773	105	695965	1.225	ppbv #	67
79) Naphthalene	22.214	128	83598m	0.220	ppbv	

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

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