

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039457.D
 Acq On : 12 Jul 2022 20:57
 Operator : SY/AP
 Sample : N3660-08 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-11

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:40:24 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1493392	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	4184341	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.102	117	3813861	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2853843	10.087	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.063	85	47334	0.220	ppbv	92
3) Chlorodifluoromethane	3.002	51	38416	0.203	ppbv	92
9) Propene	3.031	41	41598m	0.486	ppbv	
10) Heptane	8.144	43	22416m	0.112	ppbv	
11) Trichlorofluoromethane	3.967	101	364867	1.520	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.504	101	34843	0.195	ppbv	91
13) Ethanol	3.613	45	233334m	47.004	ppbv	
15) Acetone	3.864	43	1180875	6.684	ppbv #	90
17) tert-Butyl alcohol	4.311	59	105275m	0.702	ppbv	
19) Isopropyl Alcohol	3.983	45	45996m	0.488	ppbv	
20) Methylene Chloride	4.359	84	168599	2.394	ppbv	97
26) Hexane	5.706	57	269792	1.848	ppbv #	40
27) Carbon Disulfide	4.571	76	169972	0.964	ppbv #	92
29) Chloroform	5.771	83	101734	0.401	ppbv	99
32) 1,1,1-Trichloroethane	6.530	97	11801m	0.047	ppbv	
34) 2-Butanone	5.263	43	142118	0.675	ppbv	91
38) Trichloroethene	7.848	130	44748m	0.255	ppbv	
52) Tetrachloroethene	11.240	164	317546	2.436	ppbv	93
53) Toluene	9.822	91	313741	0.840	ppbv	99
58) Ethyl Benzene	12.725	91	119825m	0.243	ppbv	
59) m/p-Xylene	12.983	91	420780m	0.969	ppbv	
60) o-Xylene	13.709	91	222972	0.542	ppbv	97
65) tert-Butylbenzene	16.777	119	103918	0.180	ppbv #	75
69) p-Isopropyltoluene	17.664	119	84558	0.128	ppbv	97
72) 4-Ethyltoluene	15.854	105	173989	0.360	ppbv	99
73) 1,3,5-Trimethylbenzene	16.011	105	288048	0.649	ppbv	92
74) 1,2,4-Trimethylbenzene	16.773	105	837274	1.705	ppbv #	70
79) Naphthalene	22.217	128	89134m	0.264	ppbv	

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

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