

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039453.D
 Acq On : 12 Jul 2022 18:02
 Operator : SY/AP
 Sample : N3660-04 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:37:27 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 13 11:30:07 2022

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	5.690	49	1586021	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.195	114	4185595	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.105	117	3852344	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.433	95	2949842	10.322	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	89678	0.392	ppbv	90
3) Chlorodifluoromethane	2.999	51	32322m	0.161	ppbv	
9) Propene	3.031	41	25913m	0.285	ppbv	
10) Heptane	8.147	43	23636m	0.111	ppbv	
11) Trichlorofluoromethane	3.967	101	44243	0.174	ppbv	95
13) Ethanol	3.620	45	131790	24.998	ppbv	82
15) Acetone	3.870	43	924904	4.929	ppbv	97
17) tert-Butyl alcohol	4.324	59	19547m	0.123	ppbv	
20) Methylene Chloride	4.369	84	1672638	22.364	ppbv	96
26) Hexane	5.713	57	2836179	18.288	ppbv #	37
27) Carbon Disulfide	4.568	76	22121	0.118	ppbv #	73
29) Chloroform	5.774	83	123589	0.458	ppbv	99
30) Cyclohexane	7.153	84	18266m	0.129	ppbv	
32) 1,1,1-Trichloroethane	6.539	97	11629m	0.044	ppbv	
34) 2-Butanone	5.269	43	62024	0.294	ppbv	97
52) Tetrachloroethene	11.243	164	166839	1.279	ppbv	93
53) Toluene	9.828	91	135117	0.362	ppbv	99
58) Ethyl Benzene	12.732	91	180688	0.363	ppbv	99
59) m/p-Xylene	12.983	91	656475	1.497	ppbv	96
60) o-Xylene	13.713	91	356217	0.858	ppbv	100
64) n-propylbenzene	15.577	120	26777	0.167	ppbv	86
65) tert-Butylbenzene	16.780	119	74836m	0.128	ppbv	
72) 4-Ethyltoluene	15.854	105	166555m	0.341	ppbv	
73) 1,3,5-Trimethylbenzene	16.015	105	240844	0.537	ppbv	94
74) 1,2,4-Trimethylbenzene	16.780	105	625415	1.261	ppbv #	71

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

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