

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040552.D
 Acq On : 26 Jul 2023 22:39
 Operator : SY/MD
 Sample : 03730-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-23-20230721

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 01:52:53 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1085161	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2822614	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2747685	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2845836	13.087	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	130.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	27976	0.129	ppbv #	82
9) Propene	2.681	41	144948	2.462	ppbv #	81
10) Heptane	7.568	43	770752	5.928	ppbv	99
11) Trichlorofluoromethane	3.546	101	14928	0.085	ppbv	99
13) Ethanol	3.218	45	228370	17.825	ppbv	95
15) Acetone	3.443	43	5405237	43.273	ppbv	97
17) tert-Butyl alcohol	3.861	59	304565	2.357	ppbv	99
20) Methylene Chloride	3.915	84	39579	0.745	ppbv	95
26) Hexane	5.195	57	579664	5.247	ppbv #	41
27) Carbon Disulfide	4.108	76	190219	1.464	ppbv	98
29) Chloroform	5.259	83	30936	0.169	ppbv	96
30) Cyclohexane	6.584	84	232525	2.529	ppbv	93
34) 2-Butanone	4.767	43	1545186	11.079	ppbv	99
36) Benzene	6.356	78	148740	0.655	ppbv	98
50) 4-Methyl-2-Pentanone	8.169	43	1556713	7.682	ppbv	98
52) Tetrachloroethene	10.603	164	4049m	0.055	ppbv	
53) Toluene	9.208	91	883029	3.579	ppbv	98
58) Ethyl Benzene	12.079	91	522428	1.515	ppbv	98
59) m/p-Xylene	12.333	91	695091	2.259	ppbv	97
60) o-Xylene	13.050	91	409485	1.397	ppbv	98
62) Isopropylbenzene	14.024	105	146106	0.332	ppbv	95
67) sec-Butylbenzene	16.629	105	61928m	0.108	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	99981	0.330	ppbv	89
74) 1,2,4-Trimethylbenzene	16.098	105	136600	0.387	ppbv #	72
75) 1,3-Dichlorobenzene	16.323	146	78123	0.365	ppbv #	38

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

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