

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040554.D
 Acq On : 27 Jul 2023 00:02
 Operator : SY/MD
 Sample : 03730-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-22-20230721

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 01:53:18 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	1150896	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	3085171	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.452	117	2753065	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2154347	9.887	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.710	85	84832	0.368	ppbv	96
4) Chloromethane	2.797	50	10695m	0.148	ppbv	
9) Propene	2.674	41	957632	15.334	ppbv	93
10) Heptane	7.571	43	106979m	0.776	ppbv	
11) Trichlorofluoromethane	3.549	101	24165	0.130	ppbv	88
13) Ethanol	3.227	45	130832	9.629	ppbv	100
15) Acetone	3.443	43	8681898	65.535	ppbv #	89
17) tert-Butyl alcohol	3.867	59	174517	1.274	ppbv	100
20) Methylene Chloride	3.915	84	132605	2.353	ppbv	93
26) Hexane	5.195	57	992078	8.467	ppbv #	40
27) Carbon Disulfide	4.108	76	60989	0.443	ppbv #	85
34) 2-Butanone	4.768	43	466075	3.057	ppbv	98
36) Benzene	6.359	78	169310m	0.682	ppbv	
50) 4-Methyl-2-Pentanone	8.189	43	41531m	0.187	ppbv	
52) Tetrachloroethene	10.600	164	11306m	0.141	ppbv	
53) Toluene	9.211	91	126328	0.468	ppbv	98
58) Ethyl Benzene	12.082	91	34058	0.099	ppbv	89
59) m/p-Xylene	12.330	91	91668m	0.297	ppbv	
60) o-Xylene	13.050	91	45241	0.154	ppbv	92
74) 1,2,4-Trimethylbenzene	16.095	105	83403	0.236	ppbv #	66
75) 1,3-Dichlorobenzene	16.317	146	52792	0.246	ppbv #	65

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

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