

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040565.D
 Acq On : 27 Jul 2023 7:30
 Operator : SY/MD
 Sample : 03696-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-16-20230719DUP

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 08:28:28 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	5.182	49	1148194	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	3062509	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2748716	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2120023	9.745	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.716	85	55986	0.244	ppbv	99
3) Chlorodifluoromethane	2.658	51	108341m	0.595	ppbv	
4) Chloromethane	2.796	50	34933	0.485	ppbv	89
9) Propene	2.681	41	1418549	22.768	ppbv	90
10) Heptane	7.574	43	242687	1.764	ppbv	96
11) Trichlorofluoromethane	3.549	101	45114	0.243	ppbv	96
13) Ethanol	3.221	45	1219313	89.947	ppbv	98
15) Acetone	3.449	43	3594911	27.200	ppbv	98
19) Isopropyl Alcohol	3.562	45	941463	12.408	ppbv #	1
20) Methylene Chloride	3.922	84	511946	9.106	ppbv	97
25) Ethyl Acetate	5.198	43	652896	2.595	ppbv #	88
26) Hexane	5.201	57	665494	5.693	ppbv #	54
27) Carbon Disulfide	4.111	76	95982	0.698	ppbv #	97
29) Chloroform	5.263	83	1767942	9.119	ppbv	97
30) Cyclohexane	6.594	84	64165m	0.660	ppbv	
34) 2-Butanone	4.774	43	510653	3.374	ppbv	100
35) Carbon Tetrachloride	6.484	117	10161m	0.055	ppbv	
36) Benzene	6.359	78	398448	1.617	ppbv	95
44) 2,2,4-Trimethylpentane	7.317	57	176710m	0.446	ppbv	
50) 4-Methyl-2-Pentanone	8.185	43	57312	0.261	ppbv	98
52) Tetrachloroethene	10.606	164	26664	0.334	ppbv #	85
53) Toluene	9.214	91	1463119	5.466	ppbv	99
58) Ethyl Benzene	12.082	91	410393	1.190	ppbv	99
59) m/p-Xylene	12.339	91	1270477	4.127	ppbv	96
60) o-Xylene	13.050	91	488808	1.667	ppbv	99
61) Styrene	12.896	104	38712m	0.286	ppbv	
69) p-Isopropyltoluene	16.989	119	271438	0.574	ppbv	100
72) 4-Ethyltoluene	15.191	105	156223	0.454	ppbv	96
73) 1,3,5-Trimethylbenzene	15.343	105	107069	0.353	ppbv	87
74) 1,2,4-Trimethylbenzene	16.105	105	522346	1.478	ppbv #	62
79) Naphthalene	21.381	128	56350m	0.188	ppbv	

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

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