

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040610.D
 Acq On : 9 Aug 2023 17:57
 Operator : SY/MD
 Sample : 03907-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:30:33 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 10 2023

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	5.192	49	1036200	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.658	114	2615163	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2474096	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2028976	10.362	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	38884	0.188	ppbv	99
3) Chlorodifluoromethane	2.664	51	16908m	0.103	ppbv	
4) Chloromethane	2.800	50	19267	0.296	ppbv	89
7) Chloroethane	3.189	64	14265	0.595	ppbv	94
9) Propene	2.681	41	5036067	89.565	ppbv	99
10) Heptane	7.587	43	374499	3.016	ppbv	100
11) Trichlorofluoromethane	3.558	101	662701	3.962	ppbv	95
13) Ethanol	3.237	45	88792	7.258	ppbv	97
15) Acetone	3.459	43	1766069m	14.807	ppbv	
17) tert-Butyl alcohol	3.877	59	180848	1.466	ppbv	99
20) Methylene Chloride	3.928	84	2500912	49.293	ppbv	98
26) Hexane	5.217	57	2508291	23.777	ppbv #	41
27) Carbon Disulfide	4.121	76	444009	3.578	ppbv	97
28) Methyl tert-Butyl Ether	4.590	73	213447	2.513	ppbv	98
29) Chloroform	5.279	83	334467	1.912	ppbv	99
30) Cyclohexane	6.606	84	125183	1.426	ppbv	85
31) cis-1,2-Dichloroethene	5.082	61	11940m	0.115	ppbv	
32) 1,1,1-Trichloroethane	6.012	97	11973m	0.070	ppbv	
34) 2-Butanone	4.787	43	448224	3.469	ppbv	100
36) Benzene	6.375	78	384131	1.826	ppbv	100
38) Trichloroethene	7.301	130	251933	3.165	ppbv	95
44) 2,2,4-Trimethylpentane	7.336	57	2654242	7.840	ppbv #	79
50) 4-Methyl-2-Pentanone	8.188	43	886892	4.724	ppbv	97
51) 2-Hexanone	9.555	43	242593m	1.827	ppbv	
52) Tetrachloroethene	10.626	164	1647044	24.170	ppbv	97
53) Toluene	9.230	91	3707051	16.219	ppbv	99
58) Ethyl Benzene	12.101	91	406862	1.310	ppbv	95
59) m/p-Xylene	12.355	91	931311	3.361	ppbv	97
60) o-Xylene	13.069	91	359692	1.363	ppbv	98
61) Styrene	12.918	104	19458m	0.160	ppbv	
72) 4-Ethyltoluene	15.207	105	34008m	0.110	ppbv	
73) 1,3,5-Trimethylbenzene	15.365	105	52081m	0.191	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	151590	0.477	ppbv #	66
79) Naphthalene	21.400	128	29157m	0.108	ppbv	

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

