

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040608.D
 Acq On : 9 Aug 2023 16:35
 Operator : SY/MD
 Sample : 03907-03 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 01:29:36 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	5.195	49	1026606	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2537380	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2364421	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 1949811 10.420 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	26195m	0.128	ppbv	
3) Chlorodifluoromethane	2.661	51	16366m	0.101	ppbv	
4) Chloromethane	2.800	50	17395	0.270	ppbv	93
9) Propene	2.681	41	2463700	44.226	ppbv	98
10) Heptane	7.584	43	235809	1.917	ppbv	98
11) Trichlorofluoromethane	3.555	101	28192	0.170	ppbv	89
13) Ethanol	3.231	45	255442	21.075	ppbv	100
15) Acetone	3.459	43	2401570m	20.323	ppbv	
17) tert-Butyl alcohol	3.874	59	366231	2.996	ppbv	98
20) Methylene Chloride	3.928	84	5990896	119.184	ppbv	89
26) Hexane	5.214	57	6423270	61.458	ppbv #	41
27) Carbon Disulfide	4.118	76	422163	3.434	ppbv	98
29) Chloroform	5.276	83	39940m	0.230	ppbv	
30) Cyclohexane	6.607	84	44454	0.511	ppbv #	84
34) 2-Butanone	4.784	43	636260	5.075	ppbv	98
35) Carbon Tetrachloride	6.494	117	7163m	0.047	ppbv	
36) Benzene	6.375	78	301703	1.478	ppbv	98
38) Trichloroethene	7.295	130	509013	6.591	ppbv	94
44) 2,2,4-Trimethylpentane	7.333	57	146461	0.446	ppbv #	60
50) 4-Methyl-2-Pentanone	8.192	43	697430	3.828	ppbv	96
51) 2-Hexanone	9.562	43	164538m	1.277	ppbv	
52) Tetrachloroethene	10.639	164	9807308	148.334	ppbv	91
53) Toluene	9.230	91	413077	1.863	ppbv	99
58) Ethyl Benzene	12.102	91	88901m	0.300	ppbv	
59) m/p-Xylene	12.352	91	271502	1.025	ppbv	100
60) o-Xylene	13.069	91	143577	0.569	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	41922	0.161	ppbv	93
74) 1,2,4-Trimethylbenzene	16.121	105	147227	0.484	ppbv #	64

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

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