

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040531.D
 Acq On : 14 Jul 2023 17:25
 Operator : SY/MD
 Sample : 03636-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 16 23:31:32 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 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	951827	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2418501	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2212572	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1916878 10.947 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	81862	0.430	ppbv	94
3) Chlorodifluoromethane	2.681	51	48110m	0.319	ppbv	
4) Chloromethane	2.819	50	42857	0.717	ppbv	97
9) Propene	2.700	41	482988	9.351	ppbv	98
10) Heptane	7.581	43	350546	3.074	ppbv	99
11) Trichlorofluoromethane	3.568	101	43055	0.280	ppbv	91
13) Ethanol	3.250	45	80409m	7.155	ppbv	
15) Acetone	3.472	43	1131049	10.323	ppbv #	65
17) tert-Butyl alcohol	3.890	59	23702m	0.209	ppbv	
19) Isopropyl Alcohol	3.584	45	39302m	0.625	ppbv	
20) Methylene Chloride	3.938	84	719523	15.439	ppbv	98
26) Hexane	5.218	57	583760	6.024	ppbv #	43
27) Carbon Disulfide	4.128	76	16158	0.142	ppbv #	50
29) Chloroform	5.279	83	31807	0.198	ppbv	97
30) Cyclohexane	6.603	84	38187	0.474	ppbv #	87
34) 2-Butanone	4.787	43	2885525	24.145	ppbv	99
35) Carbon Tetrachloride	6.491	117	12760m	0.088	ppbv	
36) Benzene	6.375	78	87426	0.449	ppbv	93
38) Trichloroethene	7.288	130	4097m	0.056	ppbv	
41) Tetrahydrofuran	5.571	42	28703m	0.412	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	84911m	0.271	ppbv	
50) 4-Methyl-2-Pentanone	8.185	43	30207m	0.174	ppbv	
51) 2-Hexanone	9.555	43	55667m	0.453	ppbv	
52) Tetrachloroethene	10.623	164	330891	5.251	ppbv	95
53) Toluene	9.221	91	549255	2.598	ppbv	99
58) Ethyl Benzene	12.095	91	3925852	14.139	ppbv	99
59) m/p-Xylene	12.356	91	14736653	59.464	ppbv	91
60) o-Xylene	13.069	91	10055265	42.592	ppbv	95
61) Styrene	12.902	104	150434m	1.381	ppbv	
62) Isopropylbenzene	14.037	105	3282499	9.277	ppbv	98
64) n-propylbenzene	14.934	120	4897689	53.497	ppbv	65
67) sec-Butylbenzene	16.658	105	2667467	5.795	ppbv	99
69) p-Isopropyltoluene	17.021	119	2085563m	5.483	ppbv	
70) n-Butylbenzene	17.918	91	5412711	12.761	ppbv #	49
72) 4-Ethyltoluene	15.227	105	19028231	68.758	ppbv #	85
73) 1,3,5-Trimethylbenzene	15.384	105	20275248	83.117	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.169	105	40367069	141.932	ppbv #	63
79) Naphthalene	21.403	128	4885122	20.301	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	76038m	0.766	ppbv	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
Data File : VL040531.D
Acq On : 14 Jul 2023 17:25
Operator : SY/MD
Sample : 03636-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

Quant Time: Jul 16 23:31:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

