

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040197.D
 Acq On : 21 Feb 2023 16:31
 Operator : SY/MD
 Sample : 01626-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-22

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:24:03 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.205	49	886377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2218061	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	1954684	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1601595	9.964	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	27225	0.165	ppbv	95
3) Chlorodifluoromethane	2.674	51	497243m	4.696	ppbv	
4) Chloromethane	2.812	50	36837	0.554	ppbv	91
9) Propene	2.703	41	224183m	5.194	ppbv	
10) Heptane	7.597	43	39565	0.385	ppbv	95
11) Trichlorofluoromethane	3.568	101	31134	0.210	ppbv	86
13) Ethanol	3.246	45	5857455	1474.144	ppbv	93
15) Acetone	3.468	43	2279746	21.363	ppbv	99
17) tert-Butyl alcohol	3.899	59	24497m	0.252	ppbv	
19) Isopropyl Alcohol	3.587	45	3662474	72.199	ppbv #	95
20) Methylene Chloride	3.941	84	313482	5.643	ppbv	98
25) Ethyl Acetate	5.224	43	284515	1.434	ppbv #	91
26) Hexane	5.224	57	238041m	2.795	ppbv	
30) Cyclohexane	6.623	84	17455	0.261	ppbv #	82
34) 2-Butanone	4.799	43	75610m	0.691	ppbv	
35) Carbon Tetrachloride	6.516	117	9550m	0.073	ppbv	
36) Benzene	6.388	78	240639	1.394	ppbv	99
37) 1,2-Dichloroethane	5.819	62	11842	0.110	ppbv	99
41) Tetrahydrofuran	5.584	42	20908m	0.330	ppbv	
44) 2,2,4-Trimethylpentane	7.346	57	149145	0.518	ppbv #	86
50) 4-Methyl-2-Pentanone	8.217	43	22825m	0.134	ppbv	
52) Tetrachloroethene	10.629	164	8719m	0.162	ppbv	
53) Toluene	9.243	91	594251	3.214	ppbv	100
58) Ethyl Benzene	12.114	91	104468	0.440	ppbv	92
59) m/p-Xylene	12.368	91	287370	1.366	ppbv	97
60) o-Xylene	13.085	91	110376	0.545	ppbv	99
61) Styrene	12.925	104	16216m	0.153	ppbv	
69) p-Isopropyltoluene	17.024	119	37620m	0.131	ppbv	
72) 4-Ethyltoluene	15.217	105	33320m	0.149	ppbv	
73) 1,3,5-Trimethylbenzene	15.378	105	24454m	0.117	ppbv	
74) 1,2,4-Trimethylbenzene	16.133	105	100844m	0.441	ppbv	
76) 1,4-Dichlorobenzene	16.503	146	40240m	0.328	ppbv	
79) Naphthalene	21.423	128	24690m	0.192	ppbv	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
Data File : VL040197.D
Acq On : 21 Feb 2023 16:31
Operator : SY/MD
Sample : 01626-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-22

Quant Time: Feb 22 03:24:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 22 03:17:31 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
Supervised By : Mahesh Dadoda 02/23/2023

