

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040195.D
 Acq On : 21 Feb 2023 15:09
 Operator : SY/MD
 Sample : 01626-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-11

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 04:00:53 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	876123	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2270222	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2010843	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1620590	9.801	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.729	85	35599m	0.218	ppbv	
3) Chlorodifluoromethane	2.671	51	129473m	1.237	ppbv	
4) Chloromethane	2.813	50	32698	0.497	ppbv	99
5) Vinyl Chloride	2.919	62	2492m	0.047	ppbv	
9) Propene	2.697	41	108910	2.553	ppbv	85
10) Heptane	7.603	43	32599m	0.321	ppbv	
11) Trichlorofluoromethane	3.568	101	36980	0.252	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.070	101	11331m	0.105	ppbv	
13) Ethanol	3.237	45	1309886	333.517	ppbv	93
15) Acetone	3.472	43	787180m	7.463	ppbv	
17) tert-Butyl alcohol	3.902	59	18700m	0.194	ppbv	
19) Isopropyl Alcohol	3.578	45	2003887	39.965	ppbv #	95
20) Methylene Chloride	3.944	84	63573	1.158	ppbv	98
25) Ethyl Acetate	5.224	43	116121	0.592	ppbv #	94
30) Cyclohexane	6.619	84	13308m	0.201	ppbv	
34) 2-Butanone	4.803	43	43582	0.389	ppbv #	90
35) Carbon Tetrachloride	6.507	117	14221m	0.106	ppbv	
36) Benzene	6.388	78	180707	1.023	ppbv	98
38) Trichloroethene	7.314	130	4533m	0.047	ppbv	
44) 2,2,4-Trimethylpentane	7.346	57	111000	0.376	ppbv #	83
50) 4-Methyl-2-Pentanone	8.221	43	23983m	0.138	ppbv	
52) Tetrachloroethene	10.642	164	12034m	0.218	ppbv	
53) Toluene	9.243	91	439930	2.325	ppbv	99
58) Ethyl Benzene	12.118	91	89531m	0.366	ppbv	
59) m/p-Xylene	12.372	91	222723m	1.029	ppbv	
60) o-Xylene	13.082	91	83069m	0.399	ppbv	
61) Styrene	12.931	104	13562m	0.124	ppbv	
69) p-Isopropyltoluene	17.031	119	43001m	0.146	ppbv	
72) 4-Ethyltoluene	15.227	105	33596m	0.146	ppbv	
73) 1,3,5-Trimethylbenzene	15.381	105	25728m	0.120	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	81381	0.346	ppbv #	72

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

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