

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040487.D
 Acq On : 22 Jun 2023 16:03
 Operator : SY/MD
 Sample : 03300-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AI-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/26/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 23 01:31:05 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1001060	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	2507924	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2169064	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.760 95 1687756 9.428 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	90855m	0.417	ppbv	
3) Chlorodifluoromethane	2.668	51	59297m	0.362	ppbv	
4) Chloromethane	2.809	50	36158	0.570	ppbv #	85
9) Propene	2.693	41	586671	11.603	ppbv	87
10) Heptane	7.565	43	74104m	0.648	ppbv	
11) Trichlorofluoromethane	3.555	101	42726	0.241	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	8300	0.067	ppbv	91
13) Ethanol	3.227	45	891717	85.167	ppbv	99
15) Acetone	3.462	43	517808	4.289	ppbv #	85
19) Isopropyl Alcohol	3.568	45	206662	3.551	ppbv #	97
20) Methylene Chloride	3.925	84	130147	2.526	ppbv	98
26) Hexane	5.205	57	157829	1.523	ppbv #	54
29) Chloroform	5.266	83	12440	0.070	ppbv	87
30) Cyclohexane	6.590	84	32755m	0.392	ppbv	
34) 2-Butanone	4.780	43	68586	0.567	ppbv	96
35) Carbon Tetrachloride	6.475	117	10984m	0.064	ppbv	
36) Benzene	6.356	78	718573	3.602	ppbv	95
44) 2,2,4-Trimethylpentane	7.311	57	889064	2.727	ppbv	96
52) Tetrachloroethene	10.600	164	4859m	0.078	ppbv	
53) Toluene	9.204	91	1428836	6.800	ppbv	100
58) Ethyl Benzene	12.076	91	395499	1.505	ppbv	94
59) m/p-Xylene	12.326	91	1141687	4.727	ppbv	97
60) o-Xylene	13.040	91	410884	1.794	ppbv	99
61) Styrene	12.886	104	32609	0.331	ppbv	92
62) Isopropylbenzene	14.018	105	54212	0.159	ppbv	99
72) 4-Ethyltoluene	15.178	105	75530	0.293	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.339	105	59993m	0.263	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	248781	0.927	ppbv #	72
76) 1,4-Dichlorobenzene	16.458	146	20926m	0.143	ppbv	

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

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