

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040488.D
 Acq On : 22 Jun 2023 16:43
 Operator : SY/MD
 Sample : 03300-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AI-1DUP

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:31:20 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	934945	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2443904	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2131515	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1555121	8.840	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	81973	0.403	ppbv	92
3) Chlorodifluoromethane	2.658	51	57997m	0.379	ppbv	
4) Chloromethane	2.806	50	35830	0.604	ppbv	89
9) Propene	2.690	41	570462	12.081	ppbv	87
10) Heptane	7.565	43	71840	0.672	ppbv	91
11) Trichlorofluoromethane	3.552	101	45247	0.273	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.054	101	8101m	0.070	ppbv	
13) Ethanol	3.227	45	907860	92.841	ppbv	97
15) Acetone	3.459	43	536292	4.756	ppbv #	86
20) Methylene Chloride	3.922	84	162537	3.377	ppbv	98
26) Hexane	5.198	57	194079	2.006	ppbv #	52
29) Chloroform	5.259	83	12051m	0.073	ppbv	
30) Cyclohexane	6.594	84	36490m	0.468	ppbv	
34) 2-Butanone	4.780	43	66427	0.564	ppbv	95
35) Carbon Tetrachloride	6.481	117	9021	0.054	ppbv #	68
36) Benzene	6.356	78	715112	3.679	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	874986	2.754	ppbv	96
52) Tetrachloroethene	10.610	164	5111m	0.084	ppbv	
53) Toluene	9.208	91	1395098	6.814	ppbv	99
58) Ethyl Benzene	12.073	91	400733	1.552	ppbv	100
59) m/p-Xylene	12.330	91	1131135	4.766	ppbv	95
60) o-Xylene	13.044	91	407704	1.811	ppbv	98
61) Styrene	12.883	104	31936m	0.330	ppbv	
62) Isopropylbenzene	14.021	105	54649m	0.163	ppbv	
73) 1,3,5-Trimethylbenzene	15.333	105	58258m	0.260	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	243543	0.924	ppbv #	71
76) 1,4-Dichlorobenzene	16.471	146	17095m	0.119	ppbv	

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

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