

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040709.D
 Acq On : 18 Sep 2023 21:42
 Operator : SY/MD
 Sample : 04403-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 29W-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:22:29 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 18 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1050262	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2812549	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2390193	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1799567	9.745	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	112366	0.486	ppbv	94
3) Chlorodifluoromethane	2.677	51	411549m	2.405	ppbv	
4) Chloromethane	2.816	50	57443	0.877	ppbv	94
9) Propene	2.706	41	433540m	8.796	ppbv	
10) Heptane	7.584	43	44564m	0.401	ppbv	
11) Trichlorofluoromethane	3.571	101	50451	0.248	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.076	101	11041m	0.076	ppbv	
13) Ethanol	3.253	45	11764905	806.397	ppbv	96
15) Acetone	3.468	43	5198534	37.526	ppbv	96
17) tert-Butyl alcohol	3.906	59	65137	0.459	ppbv #	91
19) Isopropyl Alcohol	3.594	45	1741350	20.861	ppbv #	1
20) Methylene Chloride	3.938	84	123337	1.654	ppbv	94
25) Ethyl Acetate	5.211	43	856224	3.832	ppbv #	96
26) Hexane	5.221	57	576799	5.460	ppbv #	70
27) Carbon Disulfide	4.131	76	26556	0.180	ppbv #	36
29) Chloroform	5.282	83	95607	0.524	ppbv	98
30) Cyclohexane	6.613	84	18388m	0.231	ppbv	
34) 2-Butanone	4.793	43	215233	1.522	ppbv	93
35) Carbon Tetrachloride	6.507	117	12725m	0.066	ppbv	
36) Benzene	6.378	78	168027	0.807	ppbv #	95
44) 2,2,4-Trimethylpentane	7.330	57	397069	1.197	ppbv	92
52) Tetrachloroethene	10.619	164	6288m	0.093	ppbv	
53) Toluene	9.227	91	1192987	5.425	ppbv	99
58) Ethyl Benzene	12.101	91	95982m	0.352	ppbv	
59) m/p-Xylene	12.352	91	293972	1.149	ppbv	96
60) o-Xylene	13.069	91	117277m	0.481	ppbv	
61) Styrene	12.905	104	78635	0.769	ppbv	98
69) p-Isopropyltoluene	17.005	119	176321	0.474	ppbv	94
74) 1,2,4-Trimethylbenzene	16.111	105	87132m	0.290	ppbv	
76) 1,4-Dichlorobenzene	16.477	146	101032m	0.600	ppbv	
79) Naphthalene	21.390	128	458980m	2.455	ppbv	

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

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