

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041624.D
 Acq On : 25 Sep 2024 15:15
 Operator : SY/MD
 Sample : P4174-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2024
 Supervised By :Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:20:11 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	984915	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2630467	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2395289	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 1805386 10.239 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.400%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.697	85	34667m	0.244	ppbv	
3) Chlorodifluoromethane	2.645	51	416875	3.490	ppbv	99
4) Chloromethane	2.784	50	34196m	0.520	ppbv	
9) Propene	2.674	41	77138	1.531	ppbv #	70
11) Trichlorofluoromethane	3.536	101	33046	0.218	ppbv	96
13) Ethanol	3.218	45	2004921	529.238	ppbv	95
15) Acetone	3.436	43	2905446	23.497	ppbv	100
19) Isopropyl Alcohol	3.565	45	24001410	379.178	ppbv #	97
20) Methylene Chloride	3.906	84	23593	0.508	ppbv	97
26) Hexane	5.189	57	15421m	0.167	ppbv	
29) Chloroform	5.250	83	102851	0.679	ppbv #	82
34) 2-Butanone	4.767	43	105134	0.838	ppbv	95
35) Carbon Tetrachloride	6.468	117	12700m	0.098	ppbv	
36) Benzene	6.349	78	20609	0.113	ppbv	95
41) Tetrahydrofuran	5.546	42	14734m	0.213	ppbv	
43) Methyl Methacrylate	7.455	69	37627m	0.576	ppbv	
50) 4-Methyl-2-Pentanone	8.166	43	36796m	0.190	ppbv	
52) Tetrachloroethene	10.610	164	3939m	0.060	ppbv	
53) Toluene	9.201	91	42438	0.219	ppbv	95
58) Ethyl Benzene	12.073	91	45335m	0.177	ppbv	
59) m/p-Xylene	12.327	91	169121	0.741	ppbv	95
60) o-Xylene	13.044	91	70252m	0.321	ppbv	
64) n-propylbenzene	14.905	120	18495m	0.216	ppbv	
72) 4-Ethyltoluene	15.172	105	100202	0.392	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.343	105	85416m	0.378	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	253845	0.960	ppbv #	73
79) Naphthalene	21.381	128	36961m	0.190	ppbv	

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

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