

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041461.D
 Acq On : 31 Jul 2024 13:35
 Operator : SY/MD
 Sample : P3385-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

Quant Time: Aug 01 02:42:44 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2024

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1039864	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2690084	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2567994	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2009662	10.169	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	46730	0.261	ppbv	92
4) Chloromethane	2.822	50	34263	0.520	ppbv	94
9) Propene	2.716	41	53272	0.937	ppbv #	83
10) Heptane	7.584	43	184721	1.446	ppbv	100
11) Trichlorofluoromethane	3.571	101	33598	0.211	ppbv	88
13) Ethanol	3.253	45	6278978	1235.380	ppbv	95
15) Acetone	3.468	43	10810697	91.500	ppbv #	87
17) tert-Butyl alcohol	3.906	59	70197m	0.651	ppbv	
19) Isopropyl Alcohol	3.594	45	1334538	19.321	ppbv #	1
20) Methylene Chloride	3.941	84	2540874	57.670	ppbv	98
26) Hexane	5.217	57	1535129	15.766	ppbv #	57
29) Chloroform	5.282	83	31108	0.196	ppbv	83
34) 2-Butanone	4.793	43	478242	3.675	ppbv	99
35) Carbon Tetrachloride	6.504	117	11263m	0.076	ppbv	
36) Benzene	6.381	78	25006	0.127	ppbv	98
37) 1,2-Dichloroethane	5.812	62	18458m	0.168	ppbv	
38) Trichloroethene	7.298	130	7886m	0.088	ppbv	
43) Methyl Methacrylate	7.487	69	8898m	0.126	ppbv	
52) Tetrachloroethene	10.622	164	470991	6.201	ppbv	98
53) Toluene	9.227	91	3207546	14.650	ppbv	100
58) Ethyl Benzene	12.095	91	44534m	0.150	ppbv	
59) m/p-Xylene	12.352	91	110949m	0.434	ppbv	
60) o-Xylene	13.063	91	55349	0.229	ppbv	97
61) Styrene	12.905	104	54853	0.503	ppbv	96
64) n-propylbenzene	14.918	120	9538m	0.099	ppbv	
69) p-Isopropyltoluene	16.998	119	454661	1.198	ppbv	98
72) 4-Ethyltoluene	15.195	105	63044m	0.222	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	53469m	0.218	ppbv	
74) 1,2,4-Trimethylbenzene	16.114	105	153885	0.540	ppbv #	68
79) Naphthalene	21.397	128	42380m	0.168	ppbv	

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

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