

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041462.D
 Acq On : 31 Jul 2024 14:16
 Operator : SY/MD
 Sample : P3385-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 02:43:24 2024

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

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

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	5.201	49	1071998	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2786619	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2578178	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2051267	10.339	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.738	85	44942	0.244	ppbv	92
4) Chloromethane	2.822	50	40791	0.601	ppbv	97
9) Propene	2.716	41	55080	0.940	ppbv #	75
10) Heptane	7.584	43	194303	1.475	ppbv	99
11) Trichlorofluoromethane	3.571	101	36251	0.221	ppbv	84
13) Ethanol	3.256	45	6717377	1282.018	ppbv	96
15) Acetone	3.472	43	10856724	89.135	ppbv #	87
17) tert-Butyl alcohol	3.906	59	79888	0.719	ppbv #	94
19) Isopropyl Alcohol	3.594	45	1492244	20.956	ppbv #	1
20) Methylene Chloride	3.941	84	4460450	98.204	ppbv	92
26) Hexane	5.221	57	2132334	21.243	ppbv #	51
29) Chloroform	5.288	83	30368	0.185	ppbv	97
34) 2-Butanone	4.796	43	508862	3.775	ppbv	99
35) Carbon Tetrachloride	6.504	117	9833m	0.064	ppbv	
36) Benzene	6.381	78	25266m	0.124	ppbv	
37) 1,2-Dichloroethane	5.812	62	17143m	0.150	ppbv	
38) Trichloroethene	7.298	130	7765m	0.083	ppbv	
43) Methyl Methacrylate	7.481	69	11399m	0.156	ppbv	
52) Tetrachloroethene	10.622	164	463485	5.891	ppbv	97
53) Toluene	9.227	91	3183954	14.038	ppbv	99
58) Ethyl Benzene	12.098	91	48532m	0.163	ppbv	
59) m/p-Xylene	12.352	91	117342m	0.457	ppbv	
60) o-Xylene	13.066	91	61317m	0.253	ppbv	
61) Styrene	12.905	104	62114	0.567	ppbv	96
64) n-propylbenzene	14.915	120	10198m	0.106	ppbv	
69) p-Isopropyltoluene	16.998	119	452867	1.189	ppbv	98
72) 4-Ethyltoluene	15.195	105	71060m	0.249	ppbv	
73) 1,3,5-Trimethylbenzene	15.362	105	57254	0.233	ppbv	86
74) 1,2,4-Trimethylbenzene	16.111	105	166714	0.583	ppbv #	68
79) Naphthalene	21.397	128	38156m	0.151	ppbv	

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

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