

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041642.D
 Acq On : 10 Oct 2024 14:46
 Operator : SY/MD
 Sample : P4339-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:41:04 2024

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri 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	5.179	49	1254921	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3334107	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.458	117	3040255	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2296063	10.259	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						Qvalue
4) Chloromethane	2.790	50	39785	0.475	ppbv	98
9) Propene	2.671	41	5647757	87.966	ppbv	94
10) Heptane	7.571	43	1119846	7.450	ppbv	100
13) Ethanol	3.217	45	383225	79.394	ppbv	95
15) Acetone	3.446	43	6232789	39.561	ppbv	92
16) 1,3-Butadiene	2.944	39	2746476	35.841	ppbv #	33
17) tert-Butyl alcohol	3.864	59	633272	4.570	ppbv	98
20) Methylene Chloride	3.918	84	280427	4.738	ppbv	97
26) Hexane	5.198	57	836536	7.092	ppbv #	39
27) Carbon Disulfide	4.108	76	252882	2.017	ppbv	99
30) Cyclohexane	6.587	84	76996	0.847	ppbv	85
34) 2-Butanone	4.770	43	1836874	11.554	ppbv	97
36) Benzene	6.359	78	846407	3.656	ppbv	97
41) Tetrahydrofuran	5.549	42	57543m	0.658	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	234970	0.587	ppbv #	1
50) 4-Methyl-2-Pentanone	8.172	43	406601	1.656	ppbv	100
51) 2-Hexanone	9.539	43	277343	1.493	ppbv #	74
52) Tetrachloroethene	10.603	164	268567	3.203	ppbv	95
53) Toluene	9.211	91	3411494	13.880	ppbv	98
58) Ethyl Benzene	12.085	91	1281844	3.939	ppbv	96
59) m/p-Xylene	12.336	91	3303410	11.404	ppbv	97
60) o-Xylene	13.053	91	914387	3.293	ppbv	97
61) Styrene	12.883	104	17246m	0.149	ppbv	
72) 4-Ethyltoluene	15.188	105	206817	0.637	ppbv #	91
73) 1,3,5-Trimethylbenzene	15.349	105	100310m	0.350	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	415906	1.240	ppbv #	69

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

