

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041483.D
 Acq On : 1 Aug 2024 18:26
 Operator : SY/MD
 Sample : P3445-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:13:31 2024

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

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

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	888794	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2361592	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2229211	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1751218	10.208	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	32063m	0.210	ppbv	
3) Chlorodifluoromethane	2.678	51	1685241	15.928	ppbv	96
4) Chloromethane	2.816	50	47187	0.838	ppbv	92
9) Propene	2.710	41	358337m	7.372	ppbv	
10) Heptane	7.584	43	90091	0.825	ppbv	92
11) Trichlorofluoromethane	3.568	101	33352	0.246	ppbv	99
13) Ethanol	3.247	45	5142541	1183.763	ppbv	95
15) Acetone	3.465	43	5454976	54.017	ppbv	100
17) tert-Butyl alcohol	3.896	59	56177m	0.610	ppbv	
19) Isopropyl Alcohol	3.584	45	5120793	86.736	ppbv	# 99
20) Methylene Chloride	3.935	84	228724	6.074	ppbv	97
25) Ethyl Acetate	5.208	43	446133	2.224	ppbv	98
26) Hexane	5.214	57	160770m	1.932	ppbv	
27) Carbon Disulfide	4.128	76	9544	0.098	ppbv	# 39
29) Chloroform	5.275	83	115126	0.848	ppbv	99
30) Cyclohexane	6.607	84	12869m	0.190	ppbv	
34) 2-Butanone	4.787	43	192429	1.684	ppbv	99
35) Carbon Tetrachloride	6.488	117	10040m	0.077	ppbv	
36) Benzene	6.372	78	60819m	0.352	ppbv	
37) 1,2-Dichloroethane	5.812	62	10119m	0.105	ppbv	
38) Trichloroethene	7.298	130	5316m	0.067	ppbv	
41) Tetrahydrofuran	5.542	42	22377m	0.342	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	373723	1.297	ppbv	89
52) Tetrachloroethene	10.619	164	10197m	0.153	ppbv	
53) Toluene	9.221	91	932632	4.852	ppbv	100
58) Ethyl Benzene	12.095	91	76990m	0.300	ppbv	
59) m/p-Xylene	12.346	91	144761m	0.653	ppbv	
60) o-Xylene	13.060	91	63970m	0.305	ppbv	
61) Styrene	12.899	104	31243m	0.330	ppbv	
69) p-Isopropyltoluene	17.002	119	205782	0.625	ppbv	96
72) 4-Ethyltoluene	15.191	105	49667m	0.201	ppbv	
73) 1,3,5-Trimethylbenzene	15.352	105	44131m	0.207	ppbv	
74) 1,2,4-Trimethylbenzene	16.105	105	130102m	0.526	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	28081m	0.186	ppbv	
79) Naphthalene	21.381	128	38221m	0.175	ppbv	

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

