

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041479.D
 Acq On : 1 Aug 2024 15:34
 Operator : SY/MD
 Sample : P3445-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:11:48 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 : 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	863256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2258398	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2216972	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1739774	10.197	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	23045	0.155	ppbv	97
3) Chlorodifluoromethane	2.681	51	1654827	16.103	ppbv	95
4) Chloromethane	2.819	50	51021	0.933	ppbv	91
9) Propene	2.713	41	388152m	8.222	ppbv	
10) Heptane	7.581	43	109603	1.033	ppbv	97
11) Trichlorofluoromethane	3.568	101	32679	0.248	ppbv	93
13) Ethanol	3.263	45	12005597	2845.328	ppbv	89
15) Acetone	3.468	43	5146480	52.470	ppbv	99
19) Isopropyl Alcohol	3.597	45	5181972	90.369	ppbv	# 98
20) Methylene Chloride	3.938	84	2669548	72.987	ppbv	97
26) Hexane	5.214	57	1094990	13.546	ppbv	# 50
27) Carbon Disulfide	4.124	76	11356m	0.120	ppbv	
29) Chloroform	5.279	83	96336	0.731	ppbv	99
30) Cyclohexane	6.610	84	12445m	0.189	ppbv	
34) 2-Butanone	4.790	43	191215	1.750	ppbv	97
35) Carbon Tetrachloride	6.491	117	9758m	0.078	ppbv	
36) Benzene	6.372	78	51953	0.315	ppbv	92
37) 1,2-Dichloroethane	5.809	62	11692m	0.127	ppbv	
41) Tetrahydrofuran	5.568	42	28980m	0.464	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	341279	1.238	ppbv	# 85
52) Tetrachloroethene	10.626	164	4675m	0.073	ppbv	
53) Toluene	9.224	91	1087222	5.915	ppbv	100
58) Ethyl Benzene	12.089	91	76590	0.300	ppbv	94
59) m/p-Xylene	12.349	91	129554m	0.587	ppbv	
60) o-Xylene	13.063	91	58185m	0.279	ppbv	
61) Styrene	12.902	104	26947m	0.286	ppbv	
69) p-Isopropyltoluene	16.995	119	148868	0.454	ppbv	98
72) 4-Ethyltoluene	15.198	105	27697m	0.113	ppbv	
73) 1,3,5-Trimethylbenzene	15.352	105	38227m	0.181	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	108781m	0.442	ppbv	
76) 1,4-Dichlorobenzene	16.477	146	33094m	0.221	ppbv	
79) Naphthalene	21.394	128	49044m	0.226	ppbv	

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

