

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041485.D
 Acq On : 1 Aug 2024 19:52
 Operator : SY/MD
 Sample : P3445-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2ND-FLOOR

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 04:14:24 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 : 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	941069	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2460189	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2325976	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1836432	10.259	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	36456	0.225	ppbv	95
3) Chlorodifluoromethane	2.678	51	1879341	16.775	ppbv	97
4) Chloromethane	2.816	50	76075	1.277	ppbv	92
9) Propene	2.710	41	696688m	13.537	ppbv	
10) Heptane	7.584	43	83233	0.720	ppbv	97
11) Trichlorofluoromethane	3.568	101	31496	0.219	ppbv	98
13) Ethanol	3.259	45	12871492	2798.309	ppbv	87
15) Acetone	3.465	43	6574123	61.484	ppbv	96
17) tert-Butyl alcohol	3.909	59	77900	0.799	ppbv	99
19) Isopropyl Alcohol	3.597	45	11673638	186.745	ppbv #	97
20) Methylene Chloride	3.935	84	1045367	26.218	ppbv	97
25) Ethyl Acetate	5.208	43	905047	4.261	ppbv	97
26) Hexane	5.211	57	534643m	6.067	ppbv	
27) Carbon Disulfide	4.128	76	10306	0.100	ppbv #	50
29) Chloroform	5.275	83	231238	1.609	ppbv	95
30) Cyclohexane	6.603	84	16083m	0.224	ppbv	
34) 2-Butanone	4.790	43	264859	2.226	ppbv	100
35) Carbon Tetrachloride	6.501	117	12408m	0.091	ppbv	
36) Benzene	6.372	78	78537	0.437	ppbv	97
41) Tetrahydrofuran	5.536	42	41639m	0.612	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	445223	1.483	ppbv #	88
52) Tetrachloroethene	10.623	164	2726m	0.039	ppbv	
53) Toluene	9.224	91	978439	4.886	ppbv	99
58) Ethyl Benzene	12.092	91	83104	0.310	ppbv #	83
59) m/p-Xylene	12.346	91	190346m	0.822	ppbv	
60) o-Xylene	13.057	91	77307	0.353	ppbv	99
61) Styrene	12.902	104	26059m	0.264	ppbv	
69) p-Isopropyltoluene	16.995	119	914384	2.660	ppbv	99
72) 4-Ethyltoluene	15.191	105	34955m	0.136	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	38578	0.174	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.108	105	128408	0.497	ppbv #	74
76) 1,4-Dichlorobenzene	16.474	146	23300m	0.148	ppbv	
79) Naphthalene	21.394	128	24188m	0.106	ppbv	

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

