

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041739.D
 Acq On : 12 Dec 2024 08:26
 Operator : SY/MD
 Sample : P5150-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 08:53:16 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M

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

QLast Update : Thu Dec 12 07:13:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	249132	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	1203286	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	1109265	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	740905	10.160	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	18265	0.418	ppbv	96
3) Chlorodifluoromethane	1.470	51	7432m	0.219	ppbv	
4) Chloromethane	1.528	50	5025	0.433	ppbv	99
9) Propene	1.483	41	20461m	1.415	ppbv	
10) Heptane	4.959	43	925187	23.141	ppbv	99
11) Trichlorofluoromethane	1.871	101	11108	0.221	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.133	101	2957	0.065	ppbv	96
13) Ethanol	1.712	45	497251	415.694	ppbv	95
15) Acetone	1.829	43	134011	4.659	ppbv #	87
19) Isopropyl Alcohol	1.881	45	47923	1.754	ppbv #	58
20) Methylene Chloride	2.052	84	6985	0.401	ppbv	94
26) Hexane	2.816	57	408112	10.526	ppbv #	43
30) Cyclohexane	3.842	84	681033	15.630	ppbv	98
34) 2-Butanone	2.551	43	13099	0.311	ppbv	97
35) Carbon Tetrachloride	3.745	117	3239m	0.058	ppbv	
36) Benzene	3.641	78	639755	6.762	ppbv	100
52) Tetrachloroethene	8.208	164	6045	0.121	ppbv	88
53) Toluene	6.914	91	3569413	30.700	ppbv	98
58) Ethyl Benzene	9.344	91	1774836	11.956	ppbv	100
59) m/p-Xylene	9.522	91	3682516	32.380	ppbv	99
60) o-Xylene	9.956	91	1510074	13.389	ppbv	99
62) Isopropylbenzene	10.532	105	318661	1.713	ppbv	97
64) n-propylbenzene	10.982	120	207402	3.786	ppbv	90
65) tert-Butylbenzene	11.532	119	232560	1.319	ppbv #	71
67) sec-Butylbenzene	11.762	105	220314	0.965	ppbv	92
69) p-Isopropyltoluene	11.921	119	99366	0.505	ppbv	96
70) n-Butylbenzene	12.277	91	240477	1.472	ppbv #	43
72) 4-Ethyltoluene	11.118	105	757402m	5.201	ppbv	
73) 1,3,5-Trimethylbenzene	11.199	105	571142	4.848	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	1761093	13.750	ppbv #	70
79) Naphthalene	13.510	128	67426	0.615	ppbv	98

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

