

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041745.D
 Acq On : 12 Dec 2024 11:36
 Operator : SY/MD
 Sample : P5150-04DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 11:59:07 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	238287	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	1137631	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	1005470	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	678331	10.262	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.492	85	5366	0.128	ppbv	95
4) Chloromethane	1.528	50	1386	0.125	ppbv	98
9) Propene	1.479	41	5893m	0.426	ppbv	
10) Heptane	4.959	43	223015	5.832	ppbv	100
13) Ethanol	1.716	45	134795	117.815	ppbv	95
15) Acetone	1.829	43	37054	1.347	ppbv	88
19) Isopropyl Alcohol	1.881	45	19042	0.729	ppbv #	33
20) Methylene Chloride	2.052	84	3662	0.220	ppbv	96
26) Hexane	2.816	57	99624	2.686	ppbv #	44
30) Cyclohexane	3.842	84	160531	3.852	ppbv	95
34) 2-Butanone	2.554	43	3928	0.099	ppbv	96
36) Benzene	3.641	78	156608	1.751	ppbv	97
52) Tetrachloroethene	8.218	164	1456m	0.031	ppbv	
53) Toluene	6.914	91	874333	7.954	ppbv	100
58) Ethyl Benzene	9.344	91	414153	3.078	ppbv	96
59) m/p-Xylene	9.519	91	890417	8.637	ppbv	98
60) o-Xylene	9.953	91	356228	3.485	ppbv	97
62) Isopropylbenzene	10.529	105	71686	0.425	ppbv	93
64) n-propylbenzene	10.982	120	46300	0.932	ppbv	84
65) tert-Butylbenzene	11.529	119	49857	0.312	ppbv #	70
67) sec-Butylbenzene	11.759	105	49454	0.239	ppbv	93
69) p-Isopropyltoluene	11.921	119	20055	0.112	ppbv #	93
70) n-Butylbenzene	12.277	91	51174	0.345	ppbv #	45
73) 1,3,5-Trimethylbenzene	11.196	105	127911	1.198	ppbv	97
74) 1,2,4-Trimethylbenzene	11.529	105	404601	3.485	ppbv #	67

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

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