

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041738.D
 Acq On : 12 Dec 2024 07:52
 Operator : SY/MD
 Sample : P5150-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 08:20:28 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	246902	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	1201866	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	1066555	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 695618 9.921 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	14129	0.326	ppbv	97
4) Chloromethane	1.528	50	4535	0.394	ppbv #	87
9) Propene	1.479	41	15410m	1.075	ppbv	
10) Heptane	4.962	43	9556	0.241	ppbv	92
11) Trichlorofluoromethane	1.871	101	9173	0.184	ppbv	89
13) Ethanol	1.716	45	247027	208.376	ppbv	95
15) Acetone	1.829	43	182482	6.401	ppbv	97
17) tert-Butyl alcohol	2.039	59	4590	0.111	ppbv #	72
19) Isopropyl Alcohol	1.881	45	53368	1.971	ppbv #	5
20) Methylene Chloride	2.052	84	5904	0.342	ppbv #	83
26) Hexane	2.816	57	30285	0.788	ppbv #	62
29) Chloroform	2.839	83	32688	0.556	ppbv	99
30) Cyclohexane	3.836	84	5346m	0.124	ppbv	
34) 2-Butanone	2.554	43	12460	0.296	ppbv	95
35) Carbon Tetrachloride	3.748	117	3388	0.061	ppbv	95
36) Benzene	3.645	78	27535	0.291	ppbv	98
44) 2,2,4-Trimethylpentane	4.622	57	14813	0.113	ppbv #	55
52) Tetrachloroethene	8.212	164	2785	0.056	ppbv	86
53) Toluene	6.917	91	58195	0.501	ppbv	99
58) Ethyl Benzene	9.344	91	13838	0.097	ppbv	96
59) m/p-Xylene	9.522	91	31184	0.285	ppbv	97
60) o-Xylene	9.956	91	13300	0.123	ppbv	93
73) 1,3,5-Trimethylbenzene	11.199	105	5686	0.050	ppbv	90
74) 1,2,4-Trimethylbenzene	11.532	105	18238	0.148	ppbv #	67

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

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