

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041744.D
 Acq On : 12 Dec 2024 11:04
 Operator : SY/MD
 Sample : P5150-06DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA4DUP

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 13:54:48 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 13:35:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	240929	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	1155765	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.865	117	1010391	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 675151 10.165 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	18612	0.440	ppbv	100
3) Chlorodifluoromethane	1.470	51	20344	0.620	ppbv #	84
4) Chloromethane	1.525	50	5081	0.453	ppbv	99
9) Propene	1.479	41	15632m	1.118	ppbv	
10) Heptane	4.955	43	41710	1.079	ppbv	96
11) Trichlorofluoromethane	1.871	101	10864	0.223	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.130	101	2746	0.063	ppbv	94
13) Ethanol	1.712	45	224791	194.320	ppbv	96
15) Acetone	1.826	43	842933	30.303	ppbv	99
19) Isopropyl Alcohol	1.877	45	52905	2.002	ppbv #	1
26) Hexane	2.813	57	116111	3.097	ppbv #	47
29) Chloroform	2.836	83	24020	0.418	ppbv	95
30) Cyclohexane	3.842	84	29183	0.693	ppbv	97
34) 2-Butanone	2.547	43	15883m	0.392	ppbv	
35) Carbon Tetrachloride	3.745	117	3122m	0.058	ppbv	
36) Benzene	3.641	78	47429	0.522	ppbv	98
38) Trichloroethene	4.532	130	5393m	0.114	ppbv	
44) 2,2,4-Trimethylpentane	4.616	57	20089m	0.159	ppbv	
52) Tetrachloroethene	8.205	164	10370	0.215	ppbv #	88
53) Toluene	6.914	91	190225	1.703	ppbv	98
58) Ethyl Benzene	9.341	91	72440	0.536	ppbv	98
59) m/p-Xylene	9.519	91	159461	1.539	ppbv	95
60) o-Xylene	9.953	91	62880	0.612	ppbv	97
62) Isopropylbenzene	10.529	105	12390	0.073	ppbv	99
64) n-propylbenzene	10.979	120	7776	0.156	ppbv	81
65) tert-Butylbenzene	11.875	119	9270	0.058	ppbv	94
69) p-Isopropyltoluene	11.918	119	8592	0.048	ppbv	95
73) 1,3,5-Trimethylbenzene	11.196	105	23968	0.223	ppbv	97
74) 1,2,4-Trimethylbenzene	11.529	105	79433	0.681	ppbv #	68

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

Manual Integrations

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