

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040820.D
 Acq On : 8 Nov 2023 21:13
 Operator : SY/MD
 Sample : 05276-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-IA-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:33:35 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Nov 09 00:25:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	980686	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2524695	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2157800	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1566102	9.864	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.771	85	107600	0.623	ppbv	100
3) Chlorodifluoromethane	2.716	51	52226m	0.362	ppbv	
4) Chloromethane	2.857	50	52842	0.929	ppbv	93
9) Propene	2.745	41	84714m	1.582	ppbv	
10) Heptane	7.587	43	14690m	0.109	ppbv	
11) Trichlorofluoromethane	3.597	101	35978	0.270	ppbv #	81
13) Ethanol	3.279	45	86738m	7.178	ppbv	
15) Acetone	3.507	43	259565m	2.560	ppbv	
19) Isopropyl Alcohol	3.626	45	45482m	0.697	ppbv	
20) Methylene Chloride	3.960	84	1223565	28.974	ppbv	99
26) Hexane	5.230	57	1785652	17.589	ppbv #	41
30) Cyclohexane	6.622	84	9993m	0.116	ppbv	
34) 2-Butanone	4.819	43	23904	0.209	ppbv	93
35) Carbon Tetrachloride	6.510	117	10049m	0.071	ppbv	
36) Benzene	6.378	78	74747	0.385	ppbv #	95
44) 2,2,4-Trimethylpentane	7.330	57	517134m	1.575	ppbv	
52) Tetrachloroethene	10.613	164	2761m	0.035	ppbv	
53) Toluene	9.217	91	619152	2.679	ppbv	99
58) Ethyl Benzene	12.082	91	30020m	0.110	ppbv	
59) m/p-Xylene	12.342	91	69549m	0.311	ppbv	
60) o-Xylene	13.050	91	39074m	0.183	ppbv	
64) n-propylbenzene	14.918	120	10106m	0.115	ppbv	
72) 4-Ethyltoluene	15.182	105	63229m	0.253	ppbv	
73) 1,3,5-Trimethylbenzene	15.352	105	50291m	0.229	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	187398	0.781	ppbv #	68

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

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