

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040822.D
 Acq On : 8 Nov 2023 22:35
 Operator : SY/MD
 Sample : 05276-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-IA-4

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 00:34:35 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	5.211	49	1018457	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2625984	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2076906	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1465100	9.587	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.774	85	103136	0.575	ppbv	99
3) Chlorodifluoromethane	2.719	51	71123m	0.475	ppbv	
4) Chloromethane	2.857	50	28459m	0.482	ppbv	
9) Propene	2.748	41	101256m	1.821	ppbv	
10) Heptane	7.597	43	25705m	0.184	ppbv	
11) Trichlorofluoromethane	3.597	101	38699	0.280	ppbv	100
13) Ethanol	3.279	45	250493	19.960	ppbv	99
15) Acetone	3.507	43	479402m	4.553	ppbv	
19) Isopropyl Alcohol	3.626	45	155591	2.296	ppbv #	1
20) Methylene Chloride	3.967	84	871018	19.861	ppbv	97
26) Hexane	5.233	57	1478523	14.023	ppbv #	41
30) Cyclohexane	6.613	84	12790m	0.143	ppbv	
34) 2-Butanone	4.819	43	49628	0.418	ppbv #	90
35) Carbon Tetrachloride	6.503	117	11199m	0.076	ppbv	
36) Benzene	6.385	78	98623	0.488	ppbv #	89
44) 2,2,4-Trimethylpentane	7.333	57	100891	0.295	ppbv #	82
52) Tetrachloroethene	10.619	164	3318m	0.040	ppbv	
53) Toluene	9.217	91	181950	0.757	ppbv	99
58) Ethyl Benzene	12.085	91	38739m	0.148	ppbv	
59) m/p-Xylene	12.346	91	96246m	0.447	ppbv	
60) o-Xylene	13.053	91	39708m	0.194	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	43849m	0.190	ppbv	

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

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