

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040233.D
 Acq On : 27 Feb 2023 13:11
 Operator : SY/MD
 Sample : 01705-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 02212023-EFFLUENT

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:18:21 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Tue Feb 28 00:12:21 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	849982	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2189999	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	1843992	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1446474	9.539	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.716	85	35876	0.226	ppbv	91
3) Chlorodifluoromethane	2.661	51	29380m	0.289	ppbv	
4) Chloromethane	2.806	50	11938	0.187	ppbv	96
9) Propene	2.690	41	38088	0.920	ppbv #	82
10) Heptane	7.577	43	14725m	0.149	ppbv	
11) Trichlorofluoromethane	3.555	101	43445	0.306	ppbv	95
13) Ethanol	3.227	45	199527	52.365	ppbv	93
15) Acetone	3.459	43	703073	6.870	ppbv	96
17) tert-Butyl alcohol	3.886	59	16658m	0.178	ppbv	
19) Isopropyl Alcohol	3.574	45	163529	3.362	ppbv #	93
20) Methylene Chloride	3.925	84	588932	11.055	ppbv	96
26) Hexane	5.208	57	722251	8.844	ppbv #	39
29) Chloroform	5.266	83	30135m	0.215	ppbv	
30) Cyclohexane	6.597	84	8727m	0.136	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	94519	1.218	ppbv	96
32) 1,1,1-Trichloroethane	5.996	97	175025	1.328	ppbv	96
34) 2-Butanone	4.790	43	70923	0.657	ppbv	96
35) Carbon Tetrachloride	6.487	117	7592m	0.059	ppbv	
36) Benzene	6.372	78	52774m	0.310	ppbv	
38) Trichloroethene	7.288	130	480645	5.118	ppbv	97
50) 4-Methyl-2-Pentanone	8.201	43	46797m	0.279	ppbv	
52) Tetrachloroethene	10.619	164	353178	6.636	ppbv	98
53) Toluene	9.224	91	105581	0.578	ppbv	100
59) m/p-Xylene	12.349	91	42326m	0.213	ppbv	

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

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