

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040892.D
 Acq On : 17 Nov 2023 12:54
 Operator : SY/MD
 Sample : 05275-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-IA-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/20/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 20 03:57:46 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Mon Nov 20 03:50:24 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	916022	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2174363	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	1917432	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1530953	10.198	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.771	85	91711	0.494	ppbv	96
3) Chlorodifluoromethane	2.716	51	53362m	0.365	ppbv	
4) Chloromethane	2.851	50	27269	0.519	ppbv	94
9) Propene	2.748	41	96189m	1.952	ppbv	
10) Heptane	7.594	43	21194	0.175	ppbv	86
11) Trichlorofluoromethane	3.600	101	33127m	0.232	ppbv	
13) Ethanol	3.279	45	4357801	455.327	ppbv #	100
15) Acetone	3.501	43	822141m	8.427	ppbv	
19) Isopropyl Alcohol	3.620	45	304316	5.183	ppbv #	97
20) Methylene Chloride	3.964	84	2175437	54.032	ppbv	96
26) Hexane	5.237	57	2250143	25.168	ppbv #	41
27) Carbon Disulfide	4.157	76	12626m	0.111	ppbv	
30) Cyclohexane	6.623	84	14709m	0.191	ppbv	
34) 2-Butanone	4.816	43	64345	0.581	ppbv	99
35) Carbon Tetrachloride	6.507	117	11344m	0.085	ppbv	
36) Benzene	6.391	78	85505m	0.485	ppbv	
44) 2,2,4-Trimethylpentane	7.340	57	87635	0.299	ppbv #	83
53) Toluene	9.230	91	180347	0.929	ppbv	99
58) Ethyl Benzene	12.089	91	36882m	0.147	ppbv	
59) m/p-Xylene	12.356	91	87644m	0.411	ppbv	
60) o-Xylene	13.069	91	34094m	0.168	ppbv	
72) 4-Ethyltoluene	15.198	105	47950m	0.215	ppbv	
73) 1,3,5-Trimethylbenzene	15.359	105	40899m	0.207	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	161253m	0.733	ppbv	

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

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