

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041688.D
 Acq On : 7 Nov 2024 21:44
 Operator : SY/MD
 Sample : P4696-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 03:53:57 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M

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

QLast Update : Fri Nov 08 01:01:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	920081	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2493857	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2294846	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1689750	9.993	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	34120	0.205	ppbv	94
3) Chlorodifluoromethane	2.674	51	55510m	0.463	ppbv	
4) Chloromethane	2.812	50	27853	0.439	ppbv	100
9) Propene	2.703	41	38769	0.742	ppbv	86
11) Trichlorofluoromethane	3.558	101	30913	0.213	ppbv	93
13) Ethanol	3.240	45	2619322	818.930	ppbv	99
15) Acetone	3.459	43	2121677	18.737	ppbv	100
19) Isopropyl Alcohol	3.581	45	18570689	343.117	ppbv #	95
20) Methylene Chloride	3.928	84	20096	0.482	ppbv #	91
27) Carbon Disulfide	4.121	76	22947	0.227	ppbv #	71
29) Chloroform	5.266	83	48363	0.325	ppbv	95
34) 2-Butanone	4.783	43	50932	0.410	ppbv	94
35) Carbon Tetrachloride	6.481	117	9206m	0.070	ppbv	
36) Benzene	6.359	78	20597m	0.111	ppbv	
41) Tetrahydrofuran	5.565	42	11019m	0.155	ppbv	
53) Toluene	9.208	91	141574	0.729	ppbv	97
59) m/p-Xylene	12.339	91	26907m	0.119	ppbv	
60) o-Xylene	13.053	91	26641m	0.124	ppbv	
64) n-propylbenzene	14.905	120	18127m	0.209	ppbv	
72) 4-Ethyltoluene	15.182	105	115840	0.464	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.339	105	78872m	0.360	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	306589	1.204	ppbv #	66

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

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