

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041824.D
 Acq On : 19 Dec 2024 17:08
 Operator : SY/MD
 Sample : P5296-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 01:45:50 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		2.793	49	79104	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		3.965	114	180475	10.000	ppbv	0.00
55) Chlorobenzene-d5		8.885	117	190007	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		10.377	95	159349	10.064	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane		1.495	85	3973	0.282	ppbv	100
3) Chlorodifluoromethane		1.473	51	2710m	0.210	ppbv	
4) Chloromethane		1.528	50	1573	0.286	ppbv	93
9) Propene		1.486	41	3595	0.643	ppbv	92
10) Heptane		4.994	43	2691m	0.187	ppbv	
11) Trichlorofluoromethane		1.881	101	3153	0.211	ppbv	84
13) Ethanol		1.722	45	35402	76.465	ppbv	92
15) Acetone		1.839	43	45561	2.960	ppbv	100
17) tert-Butyl alcohol		2.046	59	5924	0.388	ppbv #	92
19) Isopropyl Alcohol		1.890	45	21074	2.282	ppbv #	39
20) Methylene Chloride		2.068	84	2125	0.484	ppbv	96
25) Ethyl Acetate		2.842	43	10212	0.357	ppbv #	93
29) Chloroform		2.855	83	2688	0.162	ppbv	99
30) Cyclohexane		3.865	84	1505m	0.163	ppbv	
34) 2-Butanone		2.564	43	11025	0.759	ppbv	96
35) Carbon Tetrachloride		3.764	117	509m	0.040	ppbv	
36) Benzene		3.667	78	2857m	0.153	ppbv	
41) Tetrahydrofuran		3.065	42	3977	0.489	ppbv	92
50) 4-Methyl-2-Pentanone		5.774	43	3254m	0.165	ppbv	
52) Tetrachloroethene		8.231	164	2205m	0.317	ppbv	
53) Toluene		6.939	91	106894	5.050	ppbv	99
58) Ethyl Benzene		9.357	91	25209	0.737	ppbv	99
59) m/p-Xylene		9.535	91	86836	3.157	ppbv #	100
60) o-Xylene		9.966	91	34348	1.245	ppbv	98
61) Styrene		9.872	104	9624	0.807	ppbv	95
74) 1,2,4-Trimethylbenzene		11.539	105	7727	0.266	ppbv #	53

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

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