

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037945.D
 Acq On : 1 Nov 2021 19:36
 Operator : SY/AP
 Sample : M4426-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 02 06:07:30 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 06:07:30 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1322298	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3881773	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.070	117	3340195	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2421914	9.975	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.047	85	41741	0.224	ppbv	96
3) Chlorodifluoromethane	2.983	51	80543m	0.327	ppbv	
4) Chloromethane	3.137	50	44087m	0.471	ppbv	
5) Vinyl Chloride	3.260	62	2826	0.031	ppbv #	84
9) Propene	3.022	41	504530	5.717	ppbv #	61
10) Heptane	8.108	43	26553m	0.129	ppbv	
11) Trichlorofluoromethane	3.948	101	40818m	0.220	ppbv	
13) Ethanol	3.597	45	5603391	629.334	ppbv	90
15) Acetone	3.842	43	3531112	32.317	ppbv	96
19) Isopropyl Alcohol	3.964	45	1635795	23.411	ppbv #	93
20) Methylene Chloride	4.343	84	111276m	1.855	ppbv	
25) Ethyl Acetate	5.668	43	971188	2.993	ppbv #	92
29) Chloroform	5.739	83	28604m	0.125	ppbv	
30) Cyclohexane	7.115	84	53355m	0.406	ppbv	
34) 2-Butanone	5.237	43	197953	1.376	ppbv	99
35) Carbon Tetrachloride	7.005	117	15120m	0.064	ppbv	
36) Benzene	6.880	78	68545m	0.217	ppbv	
38) Trichloroethene	7.819	130	11066m	0.084	ppbv	
50) 4-Methyl-2-Pentanone	8.742	43	63037m	0.334	ppbv	
52) Tetrachloroethene	11.211	164	48656	0.406	ppbv	89
53) Toluene	9.793	91	703149	2.075	ppbv	100
58) Ethyl Benzene	12.693	91	117576m	0.288	ppbv	
59) m/p-Xylene	12.950	91	456208m	1.257	ppbv	
60) o-Xylene	13.677	91	170837	0.499	ppbv	98
61) Styrene	13.510	104	41001m	0.261	ppbv	
69) p-Isopropyltoluene	17.635	119	69195	0.146	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.748	105	82519m	0.214	ppbv	

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

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