

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037948.D
 Acq On : 1 Nov 2021 21:35
 Operator : SY/AP
 Sample : M4426-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 06:07:59 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 06:07:59 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	5.658	49	1433951	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	4006613	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	3544842	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2484954	9.644	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.047	85	47432	0.235	ppbv	95
3) Chlorodifluoromethane	2.980	51	91917m	0.344	ppbv	
4) Chloromethane	3.140	50	58264m	0.574	ppbv	
5) Vinyl Chloride	3.266	62	3334m	0.034	ppbv	
9) Propene	3.021	41	748188	7.817	ppbv #	60
10) Heptane	8.102	43	32036m	0.144	ppbv	
11) Trichlorofluoromethane	3.944	101	36577	0.182	ppbv	90
13) Ethanol	3.600	45	7380464	764.379	ppbv	90
15) Acetone	3.838	43	4754239	40.123	ppbv	97
19) Isopropyl Alcohol	3.963	45	2100578	27.722	ppbv #	93
20) Methylene Chloride	4.340	84	138850	2.134	ppbv	96
25) Ethyl Acetate	5.661	43	1304480	3.707	ppbv #	91
29) Chloroform	5.742	83	34641m	0.139	ppbv	
30) Cyclohexane	7.121	84	62555m	0.439	ppbv	
34) 2-Butanone	5.234	43	283474	1.909	ppbv	97
35) Carbon Tetrachloride	7.002	117	12367	0.051	ppbv #	63
36) Benzene	6.873	78	83000	0.254	ppbv	98
38) Trichloroethene	7.819	130	11111m	0.082	ppbv	
50) 4-Methyl-2-Pentanone	8.738	43	55757m	0.286	ppbv	
52) Tetrachloroethene	11.208	164	57685m	0.466	ppbv	
53) Toluene	9.790	91	717299	2.051	ppbv	98
58) Ethyl Benzene	12.690	91	128974m	0.298	ppbv	
59) m/p-Xylene	12.947	91	457378	1.187	ppbv	96
60) o-Xylene	13.670	91	184409	0.508	ppbv	100
61) Styrene	13.503	104	61675m	0.370	ppbv	
69) p-Isopropyltoluene	17.632	119	155598m	0.310	ppbv	
74) 1,2,4-Trimethylbenzene	16.738	105	69684m	0.171	ppbv	

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

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