

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038881.D
 Acq On : 11 Apr 2022 22:18
 Operator : SY/AP
 Sample : N2332-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 02:53:58 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1167035	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3137362	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2877940	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2315159	10.605	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	91701	0.554	ppbv	96
3) Chlorodifluoromethane	2.983	51	33914m	0.238	ppbv	
4) Chloromethane	3.134	50	44782	0.607	ppbv	99
9) Propene	3.018	41	740937	9.833	ppbv #	63
10) Heptane	8.115	43	471947	2.486	ppbv	100
11) Trichlorofluoromethane	3.951	101	35596m	0.268	ppbv	
13) Ethanol	3.597	45	613211	133.905	ppbv #	100
15) Acetone	3.848	43	5779817	49.745	ppbv	99
20) Methylene Chloride	4.346	84	103440	2.455	ppbv	94
25) Ethyl Acetate	5.665	43	2747139	9.318	ppbv #	92
30) Cyclohexane	7.128	84	44108	0.373	ppbv	86
34) 2-Butanone	5.237	43	455972	3.678	ppbv	95
36) Benzene	6.886	78	197862	0.693	ppbv	94
38) Trichloroethene	7.828	130	14978m	0.128	ppbv	
41) Tetrahydrofuran	6.050	42	27854	0.237	ppbv #	75
44) 2,2,4-Trimethylpentane	7.864	57	266795	0.552	ppbv #	48
50) 4-Methyl-2-Pentanone	8.742	43	133955	0.480	ppbv	96
52) Tetrachloroethene	11.217	164	87035	0.873	ppbv	98
53) Toluene	9.799	91	8073065	24.503	ppbv	98
58) Ethyl Benzene	12.700	91	547579	1.273	ppbv	90
59) m/p-Xylene	12.954	91	1703681	4.715	ppbv	99
60) o-Xylene	13.677	91	574449	1.699	ppbv	94
61) Styrene	13.516	104	194066	0.942	ppbv	99
64) n-propylbenzene	15.552	120	19123m	0.145	ppbv	
72) 4-Ethyltoluene	15.828	105	91516	0.227	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.986	105	86392m	0.238	ppbv	
74) 1,2,4-Trimethylbenzene	16.751	105	285951	0.746	ppbv #	69
79) Naphthalene	22.185	128	30962m	0.108	ppbv	

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

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