

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038321.D
 Acq On : 1 Feb 2022 14:47
 Operator : SY/AP
 Sample : N1341-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/07/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 02 06:15:29 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	820564	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2389193	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	1999830	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1639815	10.80	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.97	51	35492	0.217	ppbv	93
4) Chloromethane	3.12	50	20956	0.373	ppbv	94
5) Vinyl Chloride	3.24	62	4329	0.077	ppbv	96
9) Propene	3.01	41	3538196m	66.537	ppbv	
10) Heptane	8.08	43	156487	1.144	ppbv	98
11) Trichlorofluoromethane	3.93	101	38095	0.280	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.45	101	14847m	0.144	ppbv	
13) Ethanol	3.58	45	175074	30.668	ppbv	98
15) Acetone	3.83	43	871906	12.054	ppbv #	77
17) tert-Butyl alcohol	4.27	59	126066	1.588	ppbv #	1
19) Isopropyl Alcohol	3.95	45	55097m	1.218	ppbv	
20) Methylene Chloride	4.32	84	38777	0.922	ppbv	99
26) Hexane	5.65	57	524957	5.573	ppbv #	43
27) Carbon Disulfide	4.52	76	87634	0.795	ppbv #	90
29) Chloroform	5.72	83	17722m	0.115	ppbv	
30) Cyclohexane	7.09	84	90545	1.104	ppbv #	65
32) 1,1,1-Trichloroethane	6.47	97	17710m	0.115	ppbv	
34) 2-Butanone	5.21	43	138681	1.775	ppbv	97
35) Carbon Tetrachloride	6.97	117	14726m	0.088	ppbv	
36) Benzene	6.85	78	226501	1.072	ppbv	98
38) Trichloroethene	7.79	130	7171m	0.091	ppbv	
41) Tetrahydrofuran	6.03	42	10187m	0.194	ppbv	
52) Tetrachloroethene	11.19	164	13126m	0.180	ppbv	
53) Toluene	9.76	91	426620	1.824	ppbv	97
58) Ethyl Benzene	12.67	91	87182	0.297	ppbv	93
59) m/p-Xylene	12.92	91	230894m	0.921	ppbv	
60) o-Xylene	13.64	91	93444m	0.401	ppbv	
64) n-propylbenzene	15.51	120	9462m	0.127	ppbv	
69) p-Isopropyltoluene	17.61	119	517768	1.899	ppbv	98
72) 4-Ethyltoluene	15.80	105	42725m	0.175	ppbv	
73) 1,3,5-Trimethylbenzene	15.95	105	48867m	0.223	ppbv	
74) 1,2,4-Trimethylbenzene	16.72	105	111570m	0.483	ppbv	
79) Naphthalene	22.14	128	31602m	0.293	ppbv	

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

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