

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038323.D
 Acq On : 1 Feb 2022 16:12
 Operator : SY/AP
 Sample : N1341-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 16:56:20 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	5.64	49	755430	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2353026	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2009866	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1630571	10.69	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	17797	0.111	ppbv	91
9) Propene	3.01	41	4215461m	86.109	ppbv	
10) Heptane	8.08	43	104670m	0.831	ppbv	
11) Trichlorofluoromethane	3.93	101	28312	0.226	ppbv	95
13) Ethanol	3.58	45	192538	36.636	ppbv	99
15) Acetone	3.82	43	4784640	71.849	ppbv	97
17) tert-Butyl alcohol	4.27	59	239346	3.275	ppbv	98
19) Isopropyl Alcohol	3.94	45	103693	2.489	ppbv #	91
20) Methylene Chloride	4.32	84	52812	1.364	ppbv	95
26) Hexane	5.66	57	3292910	37.971	ppbv #	42
27) Carbon Disulfide	4.53	76	38946	0.384	ppbv #	91
30) Cyclohexane	7.10	84	33232m	0.440	ppbv	
32) 1,1,1-Trichloroethane	6.47	97	14351m	0.102	ppbv	
34) 2-Butanone	5.21	43	220503	2.866	ppbv	95
36) Benzene	6.85	78	188084	0.904	ppbv	97
41) Tetrahydrofuran	6.04	42	11857m	0.229	ppbv	
52) Tetrachloroethene	11.18	164	8203m	0.114	ppbv	
53) Toluene	9.76	91	353608	1.535	ppbv	98
58) Ethyl Benzene	12.66	91	84501	0.286	ppbv	99
59) m/p-Xylene	12.92	91	251030m	0.996	ppbv	
60) o-Xylene	13.64	91	96597m	0.412	ppbv	
61) Styrene	13.47	104	16823m	0.154	ppbv	
69) p-Isopropyltoluene	17.61	119	646685	2.360	ppbv	99
73) 1,3,5-Trimethylbenzene	15.96	105	26953m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.72	105	92912m	0.400	ppbv	
79) Naphthalene	22.14	128	22153m	0.204	ppbv	

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

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