

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL071222\
 Data File : VL039445.D
 Acq On : 12 Jul 2022 12:26
 Operator : SY/AP
 Sample : N3614-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-9D

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 20 02:26:14 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1225108	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3425354	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3012512	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2418813	10.82	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	53827	0.305	ppbv	98
3) Chlorodifluoromethane	2.98	51	183374	1.180	ppbv #	70
4) Chloromethane	3.15	50	56646m	0.666	ppbv	
9) Propene	3.03	41	103799m	1.479	ppbv	
10) Heptane	8.13	43	33227m	0.202	ppbv	
11) Trichlorofluoromethane	3.97	101	46572	0.237	ppbv	97
13) Ethanol	3.63	45	18539511	4552.504	ppbv	79
15) Acetone	3.86	43	3030362	20.908	ppbv	93
17) tert-Butyl alcohol	4.32	59	65979m	0.536	ppbv	
19) Isopropyl Alcohol	3.99	45	1091757	14.122	ppbv	99
20) Methylene Chloride	4.36	84	169072	2.927	ppbv	98
25) Ethyl Acetate	5.69	43	2414523	8.124	ppbv	98
29) Chloroform	5.77	83	379687	1.823	ppbv	99
30) Cyclohexane	7.15	84	16444m	0.151	ppbv	
34) 2-Butanone	5.26	43	170114	0.987	ppbv	97
35) Carbon Tetrachloride	7.03	117	20015m	0.095	ppbv	
36) Benzene	6.91	78	73236m	0.276	ppbv	
38) Trichloroethene	7.86	130	5994m	0.042	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	76932m	0.171	ppbv	
52) Tetrachloroethene	11.24	164	4679m	0.044	ppbv	
53) Toluene	9.82	91	167976	0.549	ppbv	98
58) Ethyl Benzene	12.73	91	59260	0.152	ppbv	100
59) m/p-Xylene	12.98	91	154559m	0.451	ppbv	
60) o-Xylene	13.70	91	63503m	0.196	ppbv	
61) Styrene	13.54	104	18876m	0.107	ppbv	
69) p-Isopropyltoluene	17.67	119	107526	0.206	ppbv	92
74) 1,2,4-Trimethylbenzene	16.78	105	54250m	0.140	ppbv	
79) Naphthalene	22.22	128	57848m	0.217	ppbv	
80) Naphthalene,2-methyl-	24.98	142	11610	0.128	ppbv	94

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

