

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038724.D
 Acq On : 23 Mar 2022 20:31
 Operator : SY/AP
 Sample : N2047-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 24 05:52:37 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	747298	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	1992083	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1796639	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1276485	9.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	26660	0.27	ppbv	96
3) Chlorodifluoromethane	2.99	51	27519	0.35	ppbv	95
4) Chloromethane	3.13	50	5323m	0.12	ppbv	
9) Propene	3.01	41	13343m	0.35	ppbv	
11) Trichlorofluoromethane	3.94	101	23780m	0.27	ppbv	
13) Ethanol	3.60	45	92363	21.97	ppbv	94
15) Acetone	3.84	43	175799	2.73	ppbv	95
17) tert-Butyl alcohol	4.29	59	13996m	0.25	ppbv	
19) Isopropyl Alcohol	3.96	45	24493	0.69	ppbv #	57
20) Methylene Chloride	4.33	84	95532	3.52	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	23819	0.75	ppbv	96
26) Hexane	5.67	57	65242	0.90	ppbv #	40
27) Carbon Disulfide	4.54	76	16054	0.23	ppbv #	87
29) Chloroform	5.74	83	16977	0.15	ppbv	84
31) cis-1,2-Dichloroethene	5.53	61	13055	0.19	ppbv	92
34) 2-Butanone	5.24	43	106207	1.35	ppbv	96
35) Carbon Tetrachloride	7.00	117	6428m	0.06	ppbv	
38) Trichloroethene	7.82	130	97343	1.51	ppbv	97
52) Tetrachloroethene	11.21	164	2299863	40.88	ppbv	96
53) Toluene	9.79	91	31991	0.19	ppbv	97
59) m/p-Xylene	12.95	91	24138m	0.13	ppbv	

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

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