Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038745.D
Acq On : 24 Mar 2022 10:49
Operator : SY/AP
Sample : N2052-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 25 01:46:30 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

Instrument :
MSVOA_L
ClientSampleId :
C0P96

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	680451	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.18	114	1793004	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1543510	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1132806	9.57	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	28967	0.32	ppbv		98
3) Chlorodifluoromethane	3.00	51	25398	0.35	ppbv		93
4) Chloromethane	3.15	50	9448	0.24	ppbv		93
9) Propene	3.02	41	40491	1.17	ppbv		95
11) Trichlorofluoromethane	3.96	101	25336	0.31	ppbv		98
13) Ethanol	3.61	45	91126	23.81	ppbv		99
15) Acetone	3.85	43	683936	11.65	ppbv	#	86
17) tert-Butyl alcohol	4.30	59	17787m	0.35	ppbv		
19) Isopropyl Alcohol	3.98	45	22992	0.71	ppbv	#	1
20) Methylene Chloride	4.35	84	94847	3.84	ppbv		98
26) Hexane	5.69	57	70786	1.07	ppbv	#	36
27) Carbon Disulfide	4.56	76	12329	0.19	ppbv	#	78
29) Chloroform	5.75	83	54072	0.51	ppbv		98
34) 2-Butanone	5.25	43	677944	9.55	ppbv		97
35) Carbon Tetrachloride	7.02	117	5912m	0.06	ppbv		
51) 2-Hexanone	10.15	43	41953	0.44	ppbv	#	91
52) Tetrachloroethene	11.22	164	198139	3.91	ppbv		98
53) Toluene	9.80	91	30648	0.21	ppbv		96
67) sec-Butylbenzene	17.29	105	39336m	0.14	ppbv		
69) p-Isopropyltoluene	17.65	119	56655m	0.24	ppbv		
70) n-Butylbenzene	18.56	91	68655m	0.28	ppbv		
72) 4-Ethyltoluene	15.83	105	25488m	0.14	ppbv		
73) 1,3,5-Trimethylbenzene	15.99	105	47470m	0.29	ppbv		
74) 1,2,4-Trimethylbenzene	16.76	105	57020	0.32	ppbv	#	74
75) 1,3-Dichlorobenzene	16.99	146	27557m	0.25	ppbv		

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

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