Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038722.D
Acq On : 23 Mar 2022 19:11
Operator : SY/AP
Sample : N2047-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 24 05:48:57 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 :
C0P99DUP

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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	757511	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2043495	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	1931673	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1400778	9.46	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	26442	0.26	ppbv		90
3) Chlorodifluoromethane	2.99	51	32384m	0.40	ppbv		
4) Chloromethane	3.13	50	10499	0.24	ppbv		95
9) Propene	3.01	41	75311	1.95	ppbv		83
11) Trichlorofluoromethane	3.94	101	24509	0.27	ppbv		95
13) Ethanol	3.59	45	142096	33.35	ppbv		100
15) Acetone	3.84	43	842731	12.89	ppbv		91
17) tert-Butyl alcohol	4.29	59	22937	0.40	ppbv	#	91
19) Isopropyl Alcohol	3.96	45	30329	0.84	ppbv	#	1
20) Methylene Chloride	4.34	84	124088	4.51	ppbv		92
26) Hexane	5.67	57	78927	1.07	ppbv	#	37
27) Carbon Disulfide	4.55	76	7730m	0.11	ppbv		
29) Chloroform	5.74	83	48408	0.41	ppbv		98
31) cis-1,2-Dichloroethene	5.54	61	7116	0.10	ppbv	#	83
34) 2-Butanone	5.23	43	657150	8.12	ppbv		97
35) Carbon Tetrachloride	7.01	117	7655m	0.06	ppbv		
36) Benzene	6.88	78	25249m	0.16	ppbv		
38) Trichloroethene	7.82	130	23997	0.36	ppbv		88
51) 2-Hexanone	10.13	43	67873	0.63	ppbv	#	96
52) Tetrachloroethene	11.22	164	6471769	112.13	ppbv		95
53) Toluene	9.79	91	68259	0.40	ppbv		96
59) m/p-Xylene	12.94	91	29424m	0.15	ppbv		

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

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