Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033022\
Data File : VL038803.D
Acq On : 30 Mar 2022 20:42
Operator : SY/AP
Sample : N2169-02DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 05:00:43 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 :
SV2DL

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	882332	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2586399	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2331694	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1616301	9.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 90.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	119102	1.004	ppbv		99
4) Chloromethane	3.14	50	30448	0.595	ppbv		91
5) Vinyl Chloride	3.26	62	1640m	0.032	ppbv		
7) Chloroethane	3.55	64	3339m	0.194	ppbv		
9) Propene	3.02	41	271522	6.035	ppbv	#	83
10) Heptane	8.12	43	355548	3.306	ppbv		98
13) Ethanol	3.60	45	159636	32.166	ppbv		100
15) Acetone	3.84	43	944909	12.411	ppbv		99
17) tert-Butyl alcohol	4.30	59	72148m	1.085	ppbv		
19) Isopropyl Alcohol	3.96	45	28668m	0.679	ppbv		
20) Methylene Chloride	4.34	84	15166m	0.473	ppbv		
26) Hexane	5.68	57	748574	8.724	ppbv	#	34
27) Carbon Disulfide	4.55	76	77566	0.922	ppbv	#	95
28) Methyl tert-Butyl Ether	5.04	73	11326m	0.177	ppbv		
30) Cyclohexane	7.12	84	12569m	0.168	ppbv		
32) 1,1,1-Trichloroethane	6.51	97	14932	0.113	ppbv		98
34) 2-Butanone	5.24	43	443665	4.334	ppbv		98
36) Benzene	6.88	78	71243	0.357	ppbv		96
44) 2,2,4-Trimethylpentane	7.86	57	121137	0.361	ppbv	#	59
51) 2-Hexanone	10.13	43	288359m	2.109	ppbv		
52) Tetrachloroethene	11.21	164	72558	0.993	ppbv		90
53) Toluene	9.80	91	127676	0.595	ppbv		98
58) Ethyl Benzene	12.70	91	41209	0.151	ppbv		95
59) m/p-Xylene	12.96	91	100354	0.421	ppbv		95
60) o-Xylene	13.68	91	45372m	0.200	ppbv		
62) Isopropylbenzene	14.66	105	46879m	0.138	ppbv		
74) 1,2,4-Trimethylbenzene	16.75	105	49626	0.187	ppbv	#	70

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

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