Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039487.D
Acq On : 19 Jul 2022 18:15
Operator : SY/AP
Sample : N3750-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Quant Time: Jul 20 05:41:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul (
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.681	49	1265096	10.000	ppbv		0.03
33) 1,4-Difluorobenzene	7.189	114	3599580	10.000	ppbv		0.03
55) Chlorobenzene-d5	12.102	117	3291048	10.000	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.429	95	2485716	10.181	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.800%				
Target Compounds							Qvalue
9) Propene	3.025	41	279503	3.856	ppbv		85
10) Heptane	8.137	43	49220	0.290	ppbv	#	85
13) Ethanol	3.616	45	23770	5.652	ppbv		100
15) Acetone	3.861	43	1277034	8.532	ppbv		95
17) tert-Butyl alcohol	4.301	59	299379	2.357	ppbv	#	84
20) Methylene Chloride	4.356	84	525949	8.816	ppbv		92
26) Hexane	5.700	57	1506682	12.179	ppbv	#	36
28) Methyl tert-Butyl Ether	5.054	73	120036	0.908	ppbv		98
29) Chloroform	5.764	83	16280913	75.686	ppbv		84
34) 2-Butanone	5.259	43	133083m	0.734	ppbv		
35) Carbon Tetrachloride	7.034	117	7508m	0.034	ppbv		
36) Benzene	6.906	78	52940m	0.190	ppbv		
52) Tetrachloroethene	11.243	164	16724m	0.149	ppbv		
53) Toluene	9.822	91	128917	0.401	ppbv		99
59) m/p-Xylene	12.979	91	67876m	0.181	ppbv		
74) 1,2,4-Trimethylbenzene	16.780	105	99090	0.234	ppbv	#	64

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

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