Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
Data File : VL041344.D
Acq On : 11 Jun 2024 12:55
Operator : SY/MD
Sample : P2837-02
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:22:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Jun 12 01:18:29 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.208	49	1042308	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.664	114	2719316	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.471	117	2530619	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.780	95	1928819	9.872	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.761	85	43216	0.260	ppbv		96
4) Chloromethane	2.848	50	36880	0.595	ppbv		98
9) Propene	2.738	41	33356	0.569	ppbv		84
10) Heptane	7.593	43	62923m	0.452	ppbv		
11) Trichlorofluoromethane	3.587	101	34917	0.228	ppbv		99
13) Ethanol	3.262	45	1966735	128.850	ppbv		97
15) Acetone	3.494	43	1020378	8.574	ppbv		98
19) Isopropyl Alcohol	3.603	45	242255	3.240	ppbv	#	95
20) Methylene Chloride	3.957	84	620578	14.347	ppbv		99
26) Hexane	5.230	57	1078412	10.186	ppbv	#	42
29) Chloroform	5.291	83	18370	0.113	ppbv		91
30) Cyclohexane	6.619	84	26225	0.306	ppbv	#	91
34) 2-Butanone	4.806	43	111444	0.855	ppbv		98
35) Carbon Tetrachloride	6.497	117	11071m	0.072	ppbv		
36) Benzene	6.381	78	52636	0.250	ppbv	#	92
38) Trichloroethene	7.304	130	115905m	1.357	ppbv		
44) 2,2,4-Trimethylpentane	7.339	57	104241	0.288	ppbv	#	74
52) Tetrachloroethene	10.619	164	146984	1.912	ppbv		92
53) Toluene	9.230	91	221767	0.915	ppbv		99
58) Ethyl Benzene	12.088	91	87416m	0.269	ppbv		
59) m/p-Xylene	12.346	91	233150	0.839	ppbv		96
60) o-Xylene	13.063	91	90557	0.342	ppbv		99
64) n-propylbenzene	14.918	120	12822m	0.124	ppbv		
72) 4-Ethyltoluene	15.204	105	72002m	0.233	ppbv		
73) 1,3,5-Trimethylbenzene	15.358	105	51619m	0.193	ppbv		
74) 1,2,4-Trimethylbenzene	16.114	105	191459	0.632	ppbv	#	72
79) Naphthalene	21.400	128	36943m	0.141	ppbv		

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

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