Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039726.D
Acq On : 17 Oct 2022 19:22
Operator : SY/AP
Sample : N5169-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 05:28:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.227	49	1066602	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.684	114	2842441	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.494	117	2580376	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.802	95	1884813	9.785	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.800%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.767	85	23406	0.189	ppbv		100
9) Propene	2.738	41	36137m	0.625	ppbv		
10) Heptane	7.613	43	33239m	0.246	ppbv		
13) Ethanol	3.282	45	12066m	2.739	ppbv		
15) Acetone	3.510	43	571797	4.818	ppbv		96
19) Isopropyl Alcohol	3.635	45	12526m	0.207	ppbv		
20) Methylene Chloride	3.970	84	177086	3.227	ppbv		94
26) Hexane	5.250	57	218826	1.992	ppbv	#	37
27) Carbon Disulfide	4.163	76	14498	0.126	ppbv	#	86
29) Chloroform	5.307	83	4574257	28.851	ppbv		98
32) 1,1,1-Trichloroethane	6.041	97	17419m	0.121	ppbv		
34) 2-Butanone	4.835	43	65389	0.468	ppbv		91
35) Carbon Tetrachloride	6.526	117	1424368	9.439	ppbv		99
36) Benzene	6.407	78	27815m	0.128	ppbv		
52) Tetrachloroethene	10.645	164	108941m	1.314	ppbv		
53) Toluene	9.253	91	397324	1.644	ppbv		99
58) Ethyl Benzene	12.124	91	116800	0.393	ppbv		95
59) m/p-Xylene	12.375	91	481296	1.818	ppbv		94
60) o-Xylene	13.088	91	160982	0.637	ppbv		99
64) n-propylbenzene	14.941	120	16497m	0.169	ppbv		
72) 4-Ethyltoluene	15.223	105	112519m	0.390	ppbv		
73) 1,3,5-Trimethylbenzene	15.378	105	77940m	0.295	ppbv		
74) 1,2,4-Trimethylbenzene	16.137	105	407334	1.376	ppbv	#	74
79) Naphthalene	21.426	128	24852m	0.127	ppbv		

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

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