Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039099.D
Acq On : 24 May 2022 1:04
Operator : SY/AP
Sample : N2956-05DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 24 06:04:56 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt
05/25/2022
Supervised By :Mahesh Dadoda
05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.648	49	1353755	10.000	ppbv		-0.02
33) 1,4-Difluorobenzene	7.153	114	3581869	10.000	ppbv		-0.02
55) Chlorobenzene-d5	12.060	117	3140286	10.000	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.388	95	2401487	9.656	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.600%				
Target Compounds							Qvalue
9) Propene	3.005	41	1498926	20.433	ppbv		93
10) Heptane	8.098	43	53826	0.299	ppbv		97
13) Ethanol	3.600	45	49707m	9.575	ppbv		
15) Acetone	3.832	43	3812115	29.852	ppbv		95
17) tert-Butyl alcohol	4.298	59	42492m	0.433	ppbv		
19) Isopropyl Alcohol	3.954	45	106060m	1.747	ppbv		
20) Methylene Chloride	4.330	84	183469	3.812	ppbv		94
26) Hexane	5.674	57	230543	1.698	ppbv	#	42
27) Carbon Disulfide	4.542	76	13988	0.108	ppbv	#	35
32) 1,1,1-Trichloroethane	6.497	97	348374	1.586	ppbv		98
34) 2-Butanone	5.227	43	585453	3.204	ppbv		96
36) Benzene	6.870	78	252364	0.823	ppbv		93
41) Tetrahydrofuran	6.037	42	152968	1.246	ppbv		96
50) 4-Methyl-2-Pentanone	8.735	43	163885m	0.511	ppbv		
51) 2-Hexanone	10.121	43	38704m	0.165	ppbv		
52) Tetrachloroethene	11.195	164	21986m	0.201	ppbv		
53) Toluene	9.780	91	368074	1.071	ppbv		97
58) Ethyl Benzene	12.687	91	136627	0.302	ppbv		92
59) m/p-Xylene	12.941	91	502101m	1.301	ppbv		
60) o-Xylene	13.664	91	209904	0.578	ppbv		99
64) n-propylbenzene	15.529	120	17355m	0.135	ppbv		
70) n-Butylbenzene	18.526	91	62870m	0.110	ppbv		
72) 4-Ethyltoluene	15.815	105	126480	0.306	ppbv		98
73) 1,3,5-Trimethylbenzene	15.966	105	146646	0.394	ppbv		99
74) 1,2,4-Trimethylbenzene	16.728	105	558369	1.369	ppbv	#	64
79) Naphthalene	22.159	128	61155m	0.185	ppbv		

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

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