Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
Data File : VL039451.D
Acq On : 12 Jul 2022 16:36
Operator : SY/AP
Sample : N3660-02 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 13 01:36:02 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

Instrument :
MSVOA_L
ClientSampleId :
SG-1

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.687	49	1471201	10.000	ppbv		0.04
33) 1,4-Difluorobenzene	7.198	114	4108692	10.000	ppbv		0.04
55) Chlorobenzene-d5	12.108	117	3737963	10.000	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.436	95	2854186	10.293	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.070	85	99022	0.467	ppbv		96
3) Chlorodifluoromethane	3.009	51	36198	0.194	ppbv	#	91
4) Chloromethane	3.163	50	11365m	0.111	ppbv		
9) Propene	3.038	41	18405	0.218	ppbv		92
11) Trichlorofluoromethane	3.970	101	79567	0.336	ppbv		93
13) Ethanol	3.620	45	104549m	21.378	ppbv		
15) Acetone	3.867	43	747258	4.293	ppbv		95
17) tert-Butyl alcohol	4.317	59	16778m	0.114	ppbv		
20) Methylene Chloride	4.365	84	1730944	24.950	ppbv		98
26) Hexane	5.710	57	3162343	21.982	ppbv	#	37
27) Carbon Disulfide	4.574	76	80968	0.466	ppbv	#	87
29) Chloroform	5.771	83	70135	0.280	ppbv	#	81
32) 1,1,1-Trichloroethane	6.529	97	14891m	0.060	ppbv		
34) 2-Butanone	5.269	43	44500m	0.215	ppbv		
52) Tetrachloroethene	11.240	164	326890m	2.554	ppbv		
53) Toluene	9.832	91	84390	0.230	ppbv		98
58) Ethyl Benzene	12.729	91	102423	0.212	ppbv		94
59) m/p-Xylene	12.989	91	302296m	0.710	ppbv		
60) o-Xylene	13.709	91	200004m	0.496	ppbv		
65) tert-Butylbenzene	16.780	119	63780	0.112	ppbv	#	61
67) sec-Butylbenzene	17.619	105	88904	0.116	ppbv		95
72) 4-Ethyltoluene	15.854	105	177446m	0.375	ppbv		
73) 1,3,5-Trimethylbenzene	16.015	105	153174	0.352	ppbv		91
74) 1,2,4-Trimethylbenzene	16.777	105	579183	1.203	ppbv	#	69
79) Naphthalene	22.217	128	172313	0.520	ppbv		96

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

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