Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
Data File : VL039452.D
Acq On : 12 Jul 2022 17:18
Operator : SY/AP
Sample : N3660-03 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 13 01:36:41 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-5

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	1490136	10.000	ppbv		0.04
33) 1,4-Difluorobenzene	7.195	114	4256373	10.000	ppbv		0.04
55) Chlorobenzene-d5	12.105	117	3859866	10.000	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.436	95	2873217	10.034	ppbv		0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.067	85	29797m	0.139	ppbv		
3) Chlorodifluoromethane	2.980	51	172556	0.913	ppbv	#	63
4) Chloromethane	3.160	50	14609m	0.141	ppbv		
9) Propene	3.028	41	31645m	0.371	ppbv		
10) Heptane	8.140	43	160083m	0.801	ppbv		
11) Trichlorofluoromethane	3.967	101	23534	0.098	ppbv		94
13) Ethanol	3.613	45	2664355	537.889	ppbv		74
15) Acetone	3.864	43	873625	4.956	ppbv		98
17) tert-Butyl alcohol	4.311	59	31563m	0.211	ppbv		
19) Isopropyl Alcohol	3.977	45	6877196	73.134	ppbv	#	91
20) Methylene Chloride	4.366	84	552400	7.861	ppbv		98
25) Ethyl Acetate	5.687	43	15427078	42.677	ppbv	#	83
29) Chloroform	5.774	83	85145	0.336	ppbv		99
30) Cyclohexane	7.147	84	71861m	0.542	ppbv		
36) Benzene	6.912	78	225722	0.685	ppbv		94
44) 2,2,4-Trimethylpentane	7.886	57	58085	0.104	ppbv	#	71
52) Tetrachloroethene	11.243	164	147069m	1.109	ppbv		
53) Toluene	9.828	91	900522	2.370	ppbv		100
58) Ethyl Benzene	12.729	91	561911	1.127	ppbv		93
59) m/p-Xylene	12.983	91	2627781	5.980	ppbv		94
60) o-Xylene	13.712	91	1349414	3.243	ppbv		97
65) tert-Butylbenzene	16.783	119	121184m	0.207	ppbv		
72) 4-Ethyltoluene	15.857	105	229977	0.470	ppbv		97
73) 1,3,5-Trimethylbenzene	16.018	105	329602	0.734	ppbv		100
74) 1,2,4-Trimethylbenzene	16.780	105	1027063	2.066	ppbv	#	70
79) Naphthalene	22.214	128	61369m	0.179	ppbv		

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

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