Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL039996.D
Acq On : 13 Dec 2022 4:16
Operator : SY/MD
Sample : N5969-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Quant Time: Dec 13 07:14:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.173	49	939842	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.636	114	2499253	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.449	117	2288628	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.761	95	1814507	10.380	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.800%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.710	85	33650	0.250	ppbv	#	87
3) Chlorodifluoromethane	2.658	51	43261	0.334	ppbv	#	89
4) Chloromethane	2.793	50	14700	0.177	ppbv		97
9) Propene	2.690	41	379979m	6.220	ppbv		
10) Heptane	7.558	43	300782	2.040	ppbv		95
11) Trichlorofluoromethane	3.542	101	105658	0.644	ppbv		89
13) Ethanol	3.221	45	317626	68.100	ppbv		99
15) Acetone	3.443	43	8721140	69.960	ppbv		91
19) Isopropyl Alcohol	3.562	45	296730	4.396	ppbv	#	29
20) Methylene Chloride	3.912	84	46881	0.776	ppbv		95
26) Hexane	5.192	57	124916	1.249	ppbv	#	48
30) Cyclohexane	6.581	84	23199m	0.236	ppbv		
34) 2-Butanone	4.767	43	288069	2.409	ppbv		96
35) Carbon Tetrachloride	6.475	117	3594m	0.025	ppbv		
36) Benzene	6.353	78	516905	2.433	ppbv		95
44) 2,2,4-Trimethylpentane	7.308	57	4903607	13.827	ppbv		98
52) Tetrachloroethene	10.600	164	1157267	14.562	ppbv		95
53) Toluene	9.201	91	249953	1.033	ppbv		99
58) Ethyl Benzene	12.069	91	61820	0.199	ppbv		93
59) m/p-Xylene	12.323	91	220218m	0.847	ppbv		
60) o-Xylene	13.037	91	91395m	0.369	ppbv		
61) Styrene	12.889	104	15396m	0.104	ppbv		
62) Isopropylbenzene	14.011	105	1025628	2.870	ppbv		98
74) 1,2,4-Trimethylbenzene	16.092	105	330910m	1.226	ppbv		
79) Naphthalene	21.375	128	83433m	0.516	ppbv		

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

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