Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
Data File : VL040015.D
Acq On : 13 Dec 2022 21:33
Operator : SY/MD
Sample : N5971-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-4

Manual Integrations APPROVED

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

Quant Time: Dec 14 02:41:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.176	49	933257	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.639	114	2427119	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.458	117	2338478	10.000	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.764	95	1836144	10.280	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.800%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.713	85	40277	0.301	ppbv		94
3) Chlorodifluoromethane	2.661	51	73408	0.570	ppbv		93
4) Chloromethane	2.783	50	422431	5.133	ppbv	#	44
6) Bromomethane	3.102	94	23635	1.078	ppbv	#	75
9) Propene	2.687	41	1603650m	26.436	ppbv		
10) Heptane	7.568	43	217013	1.483	ppbv		98
13) Ethanol	3.221	45	3173682	685.244	ppbv		100
15) Acetone	3.446	43	11798187	95.311	ppbv	#	87
17) tert-Butyl alcohol	3.873	59	217394m	1.527	ppbv		
20) Methylene Chloride	3.915	84	127205	2.121	ppbv		91
26) Hexane	5.195	57	401278	4.042	ppbv	#	39
30) Cyclohexane	6.587	84	193191	1.983	ppbv		92
35) Carbon Tetrachloride	6.481	117	8699m	0.063	ppbv		
36) Benzene	6.352	78	599694	2.907	ppbv		95
41) Tetrahydrofuran	5.545	42	177516	2.214	ppbv		97
52) Tetrachloroethene	10.606	164	3267m	0.042	ppbv		
53) Toluene	9.208	91	762366	3.244	ppbv		98
58) Ethyl Benzene	12.076	91	128974	0.407	ppbv		90
59) m/p-Xylene	12.330	91	337460	1.271	ppbv		100
60) o-Xylene	13.047	91	171002	0.675	ppbv		97
61) Styrene	12.889	104	122210m	0.809	ppbv		

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

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