Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
Data File : VL039643.D
Acq On : 21 Sep 2022 20:19
Operator : SY/AP
Sample : N4669-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0PF4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022
Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 08:19:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Sep 19 14:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.214	49	1084330	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2785494	10.000	ppbv		0.01
55) Chlorobenzene-d5	11.481	117	2485865	10.000	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.790	95	1901179	10.245	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.755	85	23353	0.186	ppbv		97
3) Chlorodifluoromethane	2.678	51	86280	0.671	ppbv	#	70
4) Chloromethane	2.841	50	38744	0.499	ppbv		95
9) Propene	2.732	41	114538m	1.949	ppbv		
10) Heptane	7.594	43	147605	1.076	ppbv		99
11) Trichlorofluoromethane	3.594	101	30315	0.195	ppbv	#	72
13) Ethanol	3.266	45	539207	120.415	ppbv		72
15) Acetone	3.488	43	9530834	78.990	ppbv		92
17) tert-Butyl alcohol	3.903	59	3672258	33.914	ppbv		99
20) Methylene Chloride	3.960	84	187039	3.353	ppbv		98
26) Hexane	5.237	57	329960	2.955	ppbv	#	54
29) Chloroform	5.298	83	136676	0.848	ppbv		91
34) 2-Butanone	4.806	43	2688265	19.648	ppbv		98
36) Benzene	6.391	78	65567	0.308	ppbv	#	82
41) Tetrahydrofuran	5.591	42	92694	1.104	ppbv	#	51
42) Bromodichloromethane	7.266	83	11240	0.070	ppbv	#	80
43) Methyl Methacrylate	7.494	69	80071	1.031	ppbv		91
52) Tetrachloroethene	10.626	164	7095m	0.087	ppbv		
53) Toluene	9.240	91	1068629	4.512	ppbv		100
58) Ethyl Benzene	12.105	91	141029m	0.492	ppbv		
59) m/p-Xylene	12.359	91	302520	1.186	ppbv		92
60) o-Xylene	13.073	91	97548	0.400	ppbv		97
61) Styrene	12.912	104	55119m	0.420	ppbv		
64) n-propylbenzene	14.931	120	9138	0.097	ppbv		68

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

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