Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037999.D
Acq On : 10 Nov 2021 4:00
Operator : SY/AP
Sample : M4597-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 04:52:01 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov (
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.671	49	1253480	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	7.176	114	3707901	10.000	ppbv		0.00
55) Chlorobenzene-d5	12.085	117	3107150	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.413	95	2196097	9.723	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.054	85	56423	0.319	ppbv		96
3) Chlorodifluoromethane	2.996	51	1975211	8.465	ppbv		95
4) Chloromethane	3.150	50	37022	0.417	ppbv		91
9) Propene	3.031	41	120621m	1.442	ppbv		
11) Trichlorofluoromethane	3.954	101	39966m	0.227	ppbv		
13) Ethanol	3.610	45	227515m	26.956	ppbv		
15) Acetone	3.857	43	720609	6.957	ppbv	#	69
17) tert-Butyl alcohol	4.311	59	62991m	0.585	ppbv		
19) Isopropyl Alcohol	3.976	45	123441	1.864	ppbv	#	88
20) Methylene Chloride	4.353	84	164881	2.900	ppbv		96
22) trans-1,2-Dichloroethene	4.890	96	1253206	19.989	ppbv		98
26) Hexane	5.693	57	248723m	1.706	ppbv		
34) 2-Butanone	5.250	43	504858	3.674	ppbv		99
35) Carbon Tetrachloride	7.018	117	13426m	0.060	ppbv		
36) Benzene	6.896	78	69954m	0.232	ppbv		
38) Trichloroethene	7.835	130	71103m	0.567	ppbv		
43) Methyl Methacrylate	8.015	69	52135m	0.526	ppbv		
52) Tetrachloroethene	11.224	164	22352m	0.195	ppbv		
53) Toluene	9.806	91	318712	0.985	ppbv		99
58) Ethyl Benzene	12.712	91	64575m	0.170	ppbv		
59) m/p-Xylene	12.973	91	229945m	0.681	ppbv		
60) o-Xylene	13.690	91	119043	0.374	ppbv		96
61) Styrene	13.526	104	63547m	0.435	ppbv		

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

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