Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045113.D
Acq On : 04 Oct 2021 22:34
Operator : SY/MD
Sample : M4023-04 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH9

Quant Time: Oct 05 07:02:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	297930	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279458	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	135745	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	87384	26.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 53.58%#			
7) Chloroethane-d5	1.899	69	85588	33.12	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 66.24%#			
11) 1,1-Dichloroethene-d2	2.571	63	207495	37.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.76%			
21) 2-Butanone-d5	4.629	46	240737	93.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.37%			
24) Chloroform-d	5.067	84	197748	38.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.78%			
26) 1,2-Dichloroethane-d4	5.706	65	141923	40.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.36%			
32) Benzene-d6	5.732	84	389535	40.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.34%			
36) 1,2-Dichloropropane-d6	6.694	67	129384	40.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.84%			
41) Toluene-d8	7.902	98	333606	39.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.72%#			
43) trans-1,3-Dichloroprop...	8.182	79	60212	42.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.62%			
47) 2-Hexanone-d5	8.639	63	188958	107.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.84%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	229282	46.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.14%			
66) 1,2-Dichlorobenzene-d4	12.195	152	134384	45.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.98%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3083	0.88	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	133134	57.71	ug/L #	78
16) Methylene chloride	3.051	84	156884	53.67	ug/L	93
19) 1,1-Dichloroethane	3.874	63	14762	2.92	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	160189	59.81	ug/L	93
30) 1,1,1-Trichloroethane	5.321	97	472935	122.25	ug/L	98
34) Trichloroethene	6.546	95	2373483	953.37	ug/L	99
42) Toluene	7.973	91	14589	1.39	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	3017	1.18	ug/L	89
52) Ethylbenzene	9.571	91	16916	1.52	ug/L	97
53) m,p-Xylene	9.697	106	26611	6.31	ug/L	98
54) o-xylene	10.105	106	13921	3.36	ug/L	95

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

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