Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045167.D
Acq On : 06 Oct 2021 00:20
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A29

Manual Integrations APPROVED
MMDadoda
10/7/2021 2:23:24 PM

Quant Time: Oct 06 04:39:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	297230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279733	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128977	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105825	32.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.04%			
7) Chloroethane-d5	1.913	69	103279	40.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.12%			
11) 1,1-Dichloroethene-d2	2.572	63	156474	28.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.28%#			
21) 2-Butanone-d5	4.636	46	274427	106.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.68%			
24) Chloroform-d	5.070	84	207276	40.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.66%			
26) 1,2-Dichloroethane-d4	5.707	65	149213	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.74%			
32) Benzene-d6	5.732	84	427426	44.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.06%			
36) 1,2-Dichloropropane-d6	6.697	67	137559	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.92%			
41) Toluene-d8	7.903	98	378861	45.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.46%			
43) trans-1,3-Dichloroprop...	8.182	79	61808	43.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.80%			
47) 2-Hexanone-d5	8.639	63	188238	107.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.32%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220946	44.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.66%			
66) 1,2-Dichlorobenzene-d4	12.195	152	138518	49.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.70%			
Target Compounds						Qvalue
13) Acetone	2.642	43	14897m	5.01	ug/L	
18) Methyl tert-butyl Ether	3.372	73	167847	20.99	ug/L #	73
29) Cyclohexane	5.395	56	34446	8.19	ug/L	98
33) Benzene	5.781	78	116243	11.20	ug/L	100
35) Methylcyclohexane	6.768	83	18785	4.50	ug/L #	78
42) Toluene	7.973	91	7034	0.67	ug/L	96
53) m,p-Xylene	9.697	106	1984	0.47	ug/L	99
61) Isopropylbenzene	10.485	105	6889	0.73	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	2609	0.32	ug/L	98

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

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