Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045096.D
Acq On : 04 Oct 2021 15:12
Operator : SY/MD
Sample : M3996-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A16

Quant Time: Oct 05 02:45:29 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	288806	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	272498	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135949	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	130740	41.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.70%			
7) Chloroethane-d5	1.900	69	111711	44.59	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.18%			
11) 1,1-Dichloroethene-d2	2.565	63	177260	33.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.78%			
21) 2-Butanone-d5	4.623	46	232547	93.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.04%			
24) Chloroform-d	5.067	84	220649	44.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.38%			
26) 1,2-Dichloroethane-d4	5.704	65	155654	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.04%			
32) Benzene-d6	5.729	84	468792	49.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.16%			
36) 1,2-Dichloropropane-d6	6.694	67	148047	48.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.04%			
41) Toluene-d8	7.900	98	417754	51.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.40%			
43) trans-1,3-Dichloroprop...	8.183	79	69020	50.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.66%			
47) 2-Hexanone-d5	8.636	63	175824	102.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.91%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	235627	49.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.16%			
66) 1,2-Dichlorobenzene-d4	12.195	152	157556	53.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.50%			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.366	73	21496	2.77	ug/L	94
33) Benzene	5.778	78	102513	10.14	ug/L	100
34) Trichloroethene	6.546	95	3874	1.60	ug/L	94
42) Toluene	7.974	91	89087	8.68	ug/L	98
46) Tetrachloroethene	8.559	164	1854562	1068.83	ug/L	98
52) Ethylbenzene	9.575	91	48927	4.51	ug/L	100
53) m,p-Xylene	9.700	106	18616	4.53	ug/L	94
54) o-xylene	10.102	106	13335	3.30	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	4962	0.60	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	28516	3.35	ug/L	100

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

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