Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
Data File : VU045235.D
Acq On : 08 Oct 2021 02:15
Operator : SY/MD
Sample : M4027-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AT7

Quant Time: Oct 08 02:57:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	297634	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	283690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	126234	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108962	33.442	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.880%			
7) Chloroethane-d5	1.893	69	97187	37.641	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.280%			
11) 1,1-Dichloroethene-d2	2.562	63	156345	28.574	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.140%#			
21) 2-Butanone-d5	4.629	46	213018	82.698	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.700%			
24) Chloroform-d	5.067	84	205732	39.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.960%			
26) 1,2-Dichloroethane-d4	5.706	65	146531	42.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.080%			
32) Benzene-d6	5.732	84	425840	43.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.520%			
36) 1,2-Dichloropropane-d6	6.697	67	136746	42.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.200%			
41) Toluene-d8	7.902	98	376042	44.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.540%			
43) trans-1,3-Dichloroprop...	8.182	79	60322	42.248	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.500%			
47) 2-Hexanone-d5	8.636	63	151176	84.989	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.990%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	217458	43.507	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.020%			
66) 1,2-Dichlorobenzene-d4	12.198	152	134476	48.950	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.900%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	35409	10.174	ug/L #	27
12) 1,1-Dichloroethene	2.575	96	7187	3.118	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	16776	6.909	ug/L	95
19) 1,1-Dichloroethane	3.877	63	3993	0.791	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	766132	286.358	ug/L	93
30) 1,1,1-Trichloroethane	5.324	97	6807	1.733	ug/L	92
34) Trichloroethene	6.549	95	4683858	1853.332	ug/L	99
42) Toluene	7.973	91	10015	0.937	ug/L	100
46) Tetrachloroethene	8.558	164	1834203	1015.393	ug/L	98
52) Ethylbenzene	9.574	91	7293	0.646	ug/L	97
53) m,p-Xylene	9.697	106	8378	1.958	ug/L	89
54) o-xylene	10.102	106	1972	0.469	ug/L	88

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

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