Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046291.D
Acq On : 11 Dec 2021 16:57
Operator : SY/MD
Sample : M4983-06DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7DL

Quant Time: Dec 12 01:39:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	182964	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186551	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	52198	34.633	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 69.260%			
7) Chloroethane-d5	1.916	69	44954	38.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.700%			
11) 1,1-Dichloroethene-d2	2.572	63	76480	28.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.540%#			
21) 2-Butanone-d5	4.639	46	126237	105.362	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.360%			
24) Chloroform-d	5.067	84	109400	43.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.940%			
26) 1,2-Dichloroethane-d4	5.706	65	79609	47.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.260%			
32) Benzene-d6	5.732	84	226966	42.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.900%			
36) 1,2-Dichloropropane-d6	6.694	67	76437	46.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.260%			
41) Toluene-d8	7.899	98	195946	40.249	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.500%			
43) trans-1,3-Dichloroprop...	8.182	79	35981	44.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.960%			
47) 2-Hexanone-d5	8.636	63	89876	114.391	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.390%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126634	50.391	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.780%			
66) 1,2-Dichlorobenzene-d4	12.195	152	88804	46.996	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	8580	4.779	ug/L	83
8) Chloroethane	1.938	64	3890	3.742	ug/L	96
12) 1,1-Dichloroethene	2.581	96	1735	1.371	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	93556	38.433	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	106278	73.160	ug/L	99
25) Chloroform	5.092	83	12486	4.617	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	10052	4.390	ug/L	100
42) Toluene	7.973	91	16153	2.666	ug/L	95
52) Ethylbenzene	9.571	91	9725	1.492	ug/L	94
53) m,p-Xylene	9.693	106	9191	3.615	ug/L	93
54) o-xylene	10.102	106	5030	2.039	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	10634	1.998	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	49366	9.273	ug/L	98

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

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