Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046290.D
Acq On : 11 Dec 2021 16:35
Operator : SY/MD
Sample : M4983-04DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N3DL

Quant Time: Dec 12 01:39:17 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	178338	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	181557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94211	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	53047	36.110	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.220%			
7) Chloroethane-d5	1.919	69	43601	38.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.320%			
11) 1,1-Dichloroethene-d2	2.572	63	77630	29.436	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.880%#			
21) 2-Butanone-d5	4.636	46	126321	108.167	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.170%			
24) Chloroform-d	5.067	84	115751	47.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.360%			
26) 1,2-Dichloroethane-d4	5.706	65	80317	48.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.560%			
32) Benzene-d6	5.732	84	230952	44.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.760%			
36) 1,2-Dichloropropane-d6	6.694	67	76549	47.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.940%			
41) Toluene-d8	7.899	98	198330	41.860	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.720%			
43) trans-1,3-Dichloroprop...	8.182	79	35918	46.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.280%			
47) 2-Hexanone-d5	8.636	63	90927	118.912	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.910%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128571	52.569	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.140%			
66) 1,2-Dichlorobenzene-d4	12.195	152	87828	48.408	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.820%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	4103	2.345	ug/L #	78
8) Chloroethane	1.938	64	22895	22.597	ug/L	98
12) 1,1-Dichloroethene	2.581	96	2226	1.805	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	52339	22.059	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	49978	35.296	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	146938	65.932	ug/L	100
42) Toluene	7.970	91	11673	1.980	ug/L	93
53) m,p-Xylene	9.693	106	2144	0.866	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	4737	0.927	ug/L	96

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

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