Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
Data File : VU046298.D
Acq On : 11 Dec 2021 19:35
Operator : SY/MD
Sample : M4983-10DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N9DL

Quant Time: Dec 12 04:07:53 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	159302	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	85898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45043	34.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.660%			
7) Chloroethane-d5	1.916	69	38662	38.373	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.740%			
11) 1,1-Dichloroethene-d2	2.572	63	66565	28.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.520%#			
21) 2-Butanone-d5	4.636	46	110494	105.921	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.920%			
24) Chloroform-d	5.067	84	88974	40.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.200%			
26) 1,2-Dichloroethane-d4	5.703	65	72310	49.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.340%			
32) Benzene-d6	5.732	84	203373	43.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.280%			
36) 1,2-Dichloropropane-d6	6.694	67	68412	47.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.720%			
41) Toluene-d8	7.899	98	170499	40.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.360%			
43) trans-1,3-Dichloroprop...	8.182	79	31550	45.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.500%			
47) 2-Hexanone-d5	8.636	63	76672	111.959	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.960%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	114451	52.251	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.500%			
66) 1,2-Dichlorobenzene-d4	12.195	152	78566	47.494	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.980%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	1546	1.404	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	45131	21.294	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	89812	71.008	ug/L	99
25) Chloroform	5.092	83	19983	8.486	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	28801	14.430	ug/L	99
42) Toluene	7.973	91	9394	1.779	ug/L	97
52) Ethylbenzene	9.575	91	4323	0.761	ug/L	99
53) m,p-Xylene	9.694	106	6441	2.906	ug/L	100
54) o-xylene	10.102	106	3228	1.501	ug/L	70
62) 1,3,5-Trimethylbenzene	11.089	105	4330	0.930	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	18815	4.037	ug/L	99

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

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