Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
Data File : VU052010.D
Acq On : 21 Nov 2022 21:32
Operator : JC/MD
Sample : N5710-11DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 22 01:06:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0KZ0DL

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474927	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	461189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	169116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	203185	49.370	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.740%			
7) Chloroethane-d5	1.906	69	164502	50.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.940%			
11) 1,1-Dichloroethene-d2	2.565	63	274699	45.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.060%			
21) 2-Butanone-d5	4.613	46	256171	103.581	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.580%			
24) Chloroform-d	5.060	84	327739	48.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.697	65	205322	50.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.260%			
32) Benzene-d6	5.723	84	696029	50.633	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.260%			
36) 1,2-Dichloropropane-d6	6.687	67	226864	51.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.740%			
41) Toluene-d8	7.896	98	581392	47.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.680%			
43) trans-1,3-Dichloroprop...	8.176	79	87531	46.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.120%			
47) 2-Hexanone-d5	8.629	63	177023	102.757	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.760%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	339309	48.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.140%			
66) 1,2-Dichlorobenzene-d4	12.189	152	193315	55.277	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.560%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	306781	81.777	ug/L	100
12) 1,1-Dichloroethene	2.578	96	80339m	29.214	ug/L	
16) Methylene chloride	3.044	84	11299	2.698	ug/L	93
19) 1,1-Dichloroethane	3.867	63	27300	4.535	ug/L	95
20) cis-1,2-Dichloroethene	4.665	96	79232	22.555	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	5419	1.146	ug/L	96
34) Trichloroethene	6.539	95	154180	48.365	ug/L	100
46) Tetrachloroethene	8.552	164	118552	49.295	ug/L	98

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

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