Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112023\
Data File : VV033017.D
Acq On : 20 Nov 2023 11:27
Operator : SY/MD
Sample : VIBLK249
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 20 23:33:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 20 23:27:49 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VIBLK249

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
Supervised By :Semsettin Yesilyurt 11/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	400633	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	396210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86214	41.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.320%		
7) Chloroethane-d5	1.532	69	68178	42.320	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.640%		
11) 1,1-Dichloroethene-d2	2.060	65	32441	37.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.700%		
21) 2-Butanone-d5	3.780	46	118570	88.967	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.970%		
24) Chloroform-d	4.249	84	202274m	39.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.360%		
26) 1,2-Dichloroethane-d4	4.941	65	129816	40.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.620%		
32) Benzene-d6	4.960	84	366143	39.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.360%		
36) 1,2-Dichloropropane-d6	5.989	67	113039	43.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.400%		
41) Toluene-d8	7.243	98	316677	35.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.900%#		
43) trans-1,3-Dichloroprop...	7.555	79	61034	39.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.920%		
47) 2-Hexanone-d5	8.021	63	94867	87.621	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.620%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	159193	39.971	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.940%		
66) 1,2-Dichlorobenzene-d4	11.561	152	162295	43.778	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.560%		
Target Compounds						Qvalue
14) Carbon disulfide	2.240	76	11311	1.540	ug/L	98
17) trans-1,2-Dichloroethene	2.700	96	1592	0.563	ug/L	93
64) 1,3-Dichlorobenzene	11.124	146	6787	1.005	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	8467	1.180	ug/L	93
67) 1,2-Dichlorobenzene	11.580	146	8098	1.195	ug/L #	83
70) 1,2,4-trichlorobenzene	13.201	180	17106	3.556	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	24592	5.272	ug/L	99

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

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