Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
Data File : VX044272.D
Acq On : 13 Dec 2024 11:21
Operator : JC/MD
Sample : P5252-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 22:47:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 03:56:15 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
F7J16

Manual Integrations APPROVED

Reviewed By :John Carlone 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	205664	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179733	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79491	42.236	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.480%			
7) Chloroethane-d5	1.648	69	65952	45.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.480%			
11) 1,1-Dichloroethene-d2	2.294	65	33204	41.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.500%			
21) 2-Butanone-d5	4.459	46	107863	93.607	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.610%			
24) Chloroform-d	5.056	84	164166	45.940	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.880%			
26) 1,2-Dichloroethane-d4	5.946	65	118049	46.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.420%			
32) Benzene-d6	5.964	84	296957	47.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.640%			
36) 1,2-Dichloropropane-d6	7.306	67	96134	49.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.700%			
41) Toluene-d8	8.647	98	258239m	44.972	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.940%			
43) trans-1,3-Dichloroprop...	8.952	79	40219	43.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.800%			
47) 2-Hexanone-d5	9.384	63	69243	92.093	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.090%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	125417	48.504	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.000%			
66) 1,2-Dichlorobenzene-d4	12.317	152	81432	50.042	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.080%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	1674	1.381	ug/L #	1
34) Trichloroethene	7.123	95	59837	40.156	ug/L	98
46) Tetrachloroethene	9.275	164	4085	4.110	ug/L	91

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

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