Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039290.D
Acq On : 16 Dec 2023 15:07
Operator : JC/MD
Sample : 05845-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Dec 16 21:12:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
YCHE3

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68450	41.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.060%			
7) Chloroethane-d5	1.666	69	51811	42.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.040%			
11) 1,1-Dichloroethene-d2	2.306	65	35506	48.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.960%			
21) 2-Butanone-d5	4.452	46	152135	100.743	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.740%			
24) Chloroform-d	5.056	84	142336	48.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.952	65	98371	51.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.860%			
32) Benzene-d6	5.976	84	289347	47.279	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.560%			
36) 1,2-Dichloropropane-d6	7.312	67	93001	47.220	ug/L	0.01
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.440%			
41) Toluene-d8	8.647	98	262183	47.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.540%			
43) trans-1,3-Dichloroprop...	8.952	79	42117	42.022	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.040%			
47) 2-Hexanone-d5	9.384	63	108326	92.087	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.090%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	132025	47.254	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.500%			
66) 1,2-Dichlorobenzene-d4	12.317	152	86432	49.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.720%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2032	1.163	ug/L #	12
12) 1,1-Dichloroethene	2.319	96	25828	18.850	ug/L #	42
13) Acetone	2.373	43	49859	34.368	ug/L	95
19) 1,1-Dichloroethane	3.611	63	6579	2.305	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	43413	25.925	ug/L	95
22) 2-Butanone	4.556	43	42549	23.898	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	3701m	1.538	ug/L	
34) Trichloroethene	7.123	95	82280	49.405	ug/L	98
37) 1,2-Dichloropropane	7.440	63	1724	0.986	ug/L	99
46) Tetrachloroethene	9.275	164	1462	1.331	ug/L #	83

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

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