Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039280.D
Acq On : 16 Dec 2023 11:17
Operator : JC/MD
Sample : 05844-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG7

Manual Integrations APPROVED

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

Quant Time: Dec 16 21:11:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	215697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73071	43.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.380%			
7) Chloroethane-d5	1.666	69	54819	43.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.680%			
11) 1,1-Dichloroethene-d2	2.307	65	36669	49.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.760%			
21) 2-Butanone-d5	4.452	46	145079	94.735	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.730%			
24) Chloroform-d	5.056	84	144188	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.280%			
26) 1,2-Dichloroethane-d4	5.958	65	100051	51.584	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.160%			
32) Benzene-d6	5.970	84	296541	47.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.900%			
36) 1,2-Dichloropropane-d6	7.306	67	94614	47.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.080%			
41) Toluene-d8	8.647	98	265594	46.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.780%			
43) trans-1,3-Dichloroprop...	8.952	79	44164	43.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.300%			
47) 2-Hexanone-d5	9.384	63	105572	87.879	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.880%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131710	46.160	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.320%			
66) 1,2-Dichlorobenzene-d4	12.317	152	89148	48.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.660%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	186832m	134.455	ug/L	
13) Acetone	2.374	43	51551	35.040	ug/L	96
19) 1,1-Dichloroethane	3.611	63	41649	14.387	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	43531	25.634	ug/L	98
22) 2-Butanone	4.556	43	48932	27.101	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	19530	7.948	ug/L	94
34) Trichloroethene	7.129	95	14154	8.322	ug/L	97

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

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