Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
Data File : VU057420.D
Acq On : 09 Jan 2024 06:46
Operator : MD/SY
Sample : P1058-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YCHF4

Manual Integrations APPROVED

Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 07:36:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	266080	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73482	40.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.240%			
7) Chloroethane-d5	1.914	69	56829	40.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.200%			
11) 1,1-Dichloroethene-d2	2.560	63	145739	37.546	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.100%			
21) 2-Butanone-d5	4.634	46	86643	97.638	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.640%			
24) Chloroform-d	5.055	84	181127	41.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.640%			
26) 1,2-Dichloroethane-d4	5.695	65	125333	43.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.620%			
32) Benzene-d6	5.721	84	311794	45.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.720%			
36) 1,2-Dichloropropane-d6	6.682	67	90540	47.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.360%			
41) Toluene-d8	7.891	98	277518	43.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.100%			
43) trans-1,3-Dichloroprop...	8.177	79	50346	43.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.900%			
47) 2-Hexanone-d5	8.643	63	60382	96.249	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.250%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	128728	44.887	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.780%			
66) 1,2-Dichlorobenzene-d4	12.187	152	96100	48.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.780%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	51836	28.751	ug/L	86
13) Acetone	2.647	43	28105m	26.008	ug/L	
19) 1,1-Dichloroethane	3.869	63	9303	2.724	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	14984	7.594	ug/L	91
22) 2-Butanone	4.721	43	24326m	22.846	ug/L	
30) 1,1,1-Trichloroethane	5.306	97	15474	3.971	ug/L	98
34) Trichloroethene	6.537	95	26167	12.591	ug/L	95

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

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