Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
Data File : VU057298.D
Acq On : 27 Dec 2023 23:29
Operator : MD/SY
Sample : 06021-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH7Z3

Manual Integrations APPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Mahesh Dadoda 12/29/2023

Quant Time: Dec 28 01:49:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 00:43:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.242	114	249484	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248039	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101150	5.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.595	65	116614	5.437 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.800%		
7) Chloroethane-d5	1.911	69	98541	5.720 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.400%		
11) 1,1-Dichloroethene-d2	2.560	65	45959	5.384 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.600%		
20) 2-Butanone-d5	4.637	46	278446	57.321 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.640%		
24) Chloroform-d	5.055	84	206288	5.409 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.200%		
26) 1,2-Dichloroethane-d4	5.695	65	109472	5.616 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.400%		
32) Benzene-d6	5.721	84	384710	5.441 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.800%		
36) 1,2-Dichloropropane-d6	6.682	67	129143	5.829 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.600%		
41) Toluene-d8	7.891	98	309519	5.074 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.400%		
43) trans-1,3-Dichloroprop...	8.174	79	47276	5.318 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.400%		
46) 2-Hexanone-d5	8.631	63	229074	56.893 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.780%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	102512	5.509 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	107490	5.836 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.800%		
Target Compounds					Qvalue
5) Vinyl chloride	1.602	62	155355	7.460 ug/L	100
12) 1,1-Dichloroethene	2.566	96	3541	0.217 ug/L #	1
13) Acetone	2.663	43	48317m	15.261 ug/L	
19) 1,1-Dichloroethane	3.865	63	37382	1.099 ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	216200	11.560 ug/L	98
34) Trichloroethene	6.534	95	440515	23.135 ug/L	98
42) Toluene	7.965	91	72846	0.947 ug/L	99

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

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