Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
Data File : VU056462.D
Acq On : 18 Nov 2023 00:20
Operator : MD/SY
Sample : 05441-14
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0QH4

Quant Time: Nov 19 01:24:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114157	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62764	2.964	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.200%			
7) Chloroethane-d5	1.904	69	66798	4.114	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.200%			
11) 1,1-Dichloroethene-d2	2.560	65	30390	3.252	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.000%			
20) 2-Butanone-d5	4.615	46	219540	51.993	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.980%			
24) Chloroform-d	5.055	84	175520	4.285	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
26) 1,2-Dichloroethane-d4	5.695	65	87318	4.614	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
32) Benzene-d6	5.721	84	323738	4.064	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.200%			
36) 1,2-Dichloropropane-d6	6.685	67	110793	4.615	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	7.894	98	261916	3.723	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.400%			
43) trans-1,3-Dichloroprop...	8.177	79	37410	4.063	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.200%			
46) 2-Hexanone-d5	8.627	63	176671	48.825	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.640%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86786	5.059	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	106719	5.060	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.200%			
Target Compounds						Qvalue
8) Chloroethane	1.927	64	5209	0.386	ug/L	89
9) Trichlorofluoromethane	2.133	101	6973	0.219	ug/L	94
12) 1,1-Dichloroethene	2.576	96	124095	7.160	ug/L #	75
19) 1,1-Dichloroethane	3.859	63	2357704	66.749	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	15521	0.768	ug/L	92
27) 1,2-Dichloroethane	5.798	62	4009	0.185	ug/L #	87
29) 1,1,1-Trichloroethane	5.309	97	5049470	164.528	ug/L	99
34) Trichloroethene	6.537	95	201497	9.694	ug/L	99
45) 1,1,2-Trichloroethane	8.406	97	2531	0.191	ug/L	93
47) Tetrachloroethene	8.547	164	2888	0.206	ug/L	89

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

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