Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053696.D
Acq On : 13 Apr 2023 21:00
Operator : JC/MD
Sample : 02340-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE07

Quant Time: Apr 14 02:27:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	140159	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	52168	5.411	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.200%			
7) Chloroethane-d5	1.909	69	39960	4.566	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.400%			
11) 1,1-Dichloroethene-d2	2.562	65	17699	4.309	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.200%			
20) 2-Butanone-d5	4.623	46	84367	38.195	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.380%			
24) Chloroform-d	5.057	84	78155	4.372	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	5.697	65	37586	4.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
32) Benzene-d6	5.723	84	157448	4.114	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	6.687	67	47444	4.069	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.400%			
41) Toluene-d8	7.893	98	146561	4.059	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.200%			
43) trans-1,3-Dichloroprop...	8.176	79	18308	4.091	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.629	63	76329	41.994	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.980%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	36524	3.763	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	52943	4.336	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	20295	2.557	ug/L #	82
17) Methyl tert-butyl Ether	3.359	73	57740	3.001	ug/L	99
18) trans-1,2-Dichloroethene	3.346	96	2905	0.352	ug/L	95
19) 1,1-Dichloroethane	3.864	63	26694	1.758	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	338984	30.524	ug/L	95
25) Chloroform	5.083	83	9744	0.624	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	18442	1.383	ug/L	96
34) Trichloroethene	6.539	95	4546109	471.826	ug/L	95
47) Tetrachloroethene	8.552	164	2997703	423.440	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	4050	0.223	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	3178	0.316	ug/L	96
72) 1,2,3-Trichlorobenzene	14.333	180	7016	0.799	ug/L	90

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

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