Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
Data File : VU053857.D
Acq On : 24 Apr 2023 21:21
Operator : JC/MD
Sample : 02392-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE12

Quant Time: Apr 25 05:05:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 25 05:01:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	143172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38832	4.453	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.000%			
7) Chloroethane-d5	1.916	69	32248	4.406	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.200%			
11) 1,1-Dichloroethene-d2	2.569	65	16055	4.474	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.400%			
20) 2-Butanone-d5	4.636	46	77069	48.252	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.500%			
24) Chloroform-d	5.060	84	74912	4.559	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.700	65	35528	4.678	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	5.726	84	147868	4.736	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.687	67	46564	4.930	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.893	98	136845	4.697	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
43) trans-1,3-Dichloroprop...	8.176	79	16559	4.458	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.629	63	65287	49.664	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.320%			
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35240	4.617	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.400%			
66) 1,2-Dichlorobenzene-d4	12.189	152	49132	4.813	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.200%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	34534	3.382	ug/L	99
12) 1,1-Dichloroethene	2.581	96	206451	22.925	ug/L #	81
17) Methyl tert-butyl Ether	3.363	73	9044	0.464	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	1211	0.133	ug/L #	65
19) 1,1-Dichloroethane	3.868	63	61123	3.711	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	112088	10.919	ug/L	98
25) Chloroform	5.086	83	9277	0.519	ug/L	100
27) 1,2-Dichloroethane	5.794	62	3441	0.336	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	102426	6.875	ug/L	100
34) Trichloroethene	6.536	95	1421776	139.669	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	842	0.121	ug/L	83
47) Tetrachloroethene	8.549	164	235772	29.222	ug/L	99

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

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