Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
Data File : VU051321.D
Acq On : 10 Oct 2022 12:46
Operator : JC/MD
Sample : N5013-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA42

Quant Time: Oct 11 01:00:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 00:58:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	191120	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55646	3.610	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.200%			
7) Chloroethane-d5	1.913	69	56431	4.260	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.200%			
11) 1,1-Dichloroethene-d2	2.565	65	22352	3.668	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	4.620	46	174337	51.363	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.720%			
24) Chloroform-d	5.060	84	135782	4.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.400%			
26) 1,2-Dichloroethane-d4	5.700	65	72594	4.898	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.726	84	239343	4.172	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
36) 1,2-Dichloropropane-d6	6.690	67	87520	4.492	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.896	98	180541	3.517	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.400%			
43) trans-1,3-Dichloroprop...	8.176	79	26997	4.217	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.400%			
46) 2-Hexanone-d5	8.633	63	88412	40.979	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.960%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74508	4.787	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	68534	4.759	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
8) Chloroethane	1.932	64	29038	2.121	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	3439	0.108	ug/L #	92
19) 1,1-Dichloroethane	3.867	63	43637	1.442	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	7752	0.477	ug/L	83
29) 1,1,1-Trichloroethane	5.318	97	3581	0.143	ug/L	93
33) Benzene	5.774	78	40518	0.582	ug/L	100
42) Toluene	7.970	91	44105	0.597	ug/L	93
51) Chlorobenzene	9.446	112	6746	0.153	ug/L	92
52) Ethylbenzene	9.571	91	5661	0.085	ug/L	98
53) m,p-Xylene	9.690	106	4864	0.189	ug/L	82
65) 1,4-Dichlorobenzene	11.835	146	4326	0.169	ug/L	99

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

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