Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029088.D
Acq On : 18 Nov 2022 01:22
Operator : SY/MD
Sample : N5648-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D5

Quant Time: Nov 18 06:02:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	262177	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	243298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	108939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70790	4.429	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.568	69	58758	4.182	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.108	63	97452	3.346	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.000%			
20) 2-Butanone-d5	3.883	46	165370	61.807	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.620%			
24) Chloroform-d	4.342	84	155718	4.745	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
26) 1,2-Dichloroethane-d4	5.027	65	73759	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	5.047	84	323393	4.453	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.000%			
36) 1,2-Dichloropropane-d6	6.066	67	94298	4.650	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.000%			
41) Toluene-d8	7.310	98	301228	4.608	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
43) trans-1,3-Dichloroprop...	7.622	79	29265	4.425	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.088	63	120898	42.825	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.640%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66258	4.713	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.200%			
66) 1,2-Dichlorobenzene-d4	11.616	152	105375	5.407	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	158373	7.655	ug/L	94
12) 1,1-Dichloroethene	2.117	96	5115	0.322	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	74152	2.179	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	103370	5.616	ug/L	94
19) 1,1-Dichloroethane	3.191	63	19837	0.659	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	3114824	166.445	ug/L	95
33) Benzene	5.104	78	18307	0.246	ug/L	100
34) Trichloroethene	5.908	95	688044	36.149	ug/L	98
47) Tetrachloroethene	7.973	164	6178	0.405	ug/L	94

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

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