Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029087.D
Acq On : 18 Nov 2022 00:58
Operator : SY/MD
Sample : N5648-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D4

Quant Time: Nov 18 06:01:55 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	265199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	241909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	108263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73043	4.518	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.400%			
7) Chloroethane-d5	1.568	69	57577	4.051	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.000%			
11) 1,1-Dichloroethene-d2	2.105	63	98751	3.352	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.000%			
20) 2-Butanone-d5	3.886	46	162189	59.927	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.860%			
24) Chloroform-d	4.342	84	153277	4.618	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	5.027	65	73005	4.888	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.043	84	332683	4.607	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.200%			
36) 1,2-Dichloropropane-d6	6.066	67	96104	4.766	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.310	98	302453	4.653	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	7.622	79	28199	4.288	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.088	63	128762	45.872	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.740%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72615	5.194	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.800%			
66) 1,2-Dichlorobenzene-d4	11.615	152	109709	5.664	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	209014	9.987	ug/L	95
12) 1,1-Dichloroethene	2.117	96	6252	0.389	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	513338	14.914	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	50218	2.697	ug/L	94
19) 1,1-Dichloroethane	3.188	63	29354	0.964	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	1971399	104.144	ug/L	95
25) Chloroform	4.368	83	7688	0.241	ug/L	96
33) Benzene	5.098	78	24303	0.329	ug/L	100
34) Trichloroethene	5.905	95	1816349	95.976	ug/L	98
47) Tetrachloroethene	7.973	164	13227	0.873	ug/L	98

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

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