Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029115.D
Acq On : 18 Nov 2022 13:57
Operator : SY/MD
Sample : N5687-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 18 23:34:01 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

Instrument :
MSVOA_V
ClientSampleId :
BGCD5

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/20/2022
Supervised By :Mahesh Dadoda 11/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	293475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76417	4.271	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.400%			
7) Chloroethane-d5	1.568	69	69120	4.395	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.800%			
11) 1,1-Dichloroethene-d2	2.108	63	108108	3.316	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.400%			
20) 2-Butanone-d5	3.902	46	189986m	63.435	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.860%			
24) Chloroform-d	4.346	84	177072	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.034	65	81306	4.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.050	84	356109	4.491	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.069	67	112540	5.083	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.313	98	319589	4.478	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	7.622	79	34959	4.841	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.800%			
46) 2-Hexanone-d5	8.091	63	158670	51.478	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.960%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	83146	5.417	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	112802	5.361	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.200%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	12243	0.603	ug/L	99
12) 1,1-Dichloroethene	2.117	96	3860	0.217	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	37672	1.118	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	272036	12.986	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	37694	1.209	ug/L	98
33) Benzene	5.104	78	9912	0.122	ug/L	100
34) Trichloroethene	5.911	95	473886	22.804	ug/L	98
47) Tetrachloroethene	7.976	164	1181	0.071	ug/L #	74

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

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