Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029122.D
Acq On : 18 Nov 2022 16:47
Operator : SY/MD
Sample : N5687-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 18 23:34:51 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 :
BGCE4

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	266849	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	233390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	106049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66113	4.064	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.200%			
7) Chloroethane-d5	1.561	69	60334	4.219	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.400%			
11) 1,1-Dichloroethene-d2	2.101	63	99176	3.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.000%			
20) 2-Butanone-d5	3.905	46	181539m	66.662	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 133.320%#			
24) Chloroform-d	4.342	84	160044	4.792	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	5.031	65	77627	5.166	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.047	84	330482	4.744	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
36) 1,2-Dichloropropane-d6	6.066	67	104650	5.380	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.600%			
41) Toluene-d8	7.313	98	283600	4.522	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	7.622	79	30691	4.837	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.800%			
46) 2-Hexanone-d5	8.088	63	149810	55.319	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.640%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	75553	5.602	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.000%			
66) 1,2-Dichlorobenzene-d4	11.615	152	103831	5.473	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.400%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	11944	0.647	ug/L	97
12) 1,1-Dichloroethene	2.111	96	5267	0.326	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	11490	0.613	ug/L	99
19) 1,1-Dichloroethane	3.188	63	31945	1.043	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	559746	29.387	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	167802	6.127	ug/L	98
34) Trichloroethene	5.908	95	1851448	101.401	ug/L	98
47) Tetrachloroethene	7.979	164	1405	0.096	ug/L	89

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

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