Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
Data File : VV028589.D
Acq On : 17 Oct 2022 15:21
Operator : SY/MD
Sample : N5109-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFZ06

Quant Time: Oct 18 01:23:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 18 01:19:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	201784	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	187869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	88176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76756	4.420	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.400%			
7) Chloroethane-d5	1.564	69	72779	5.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.000%			
11) 1,1-Dichloroethene-d2	2.105	63	116945	3.718	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.400%			
20) 2-Butanone-d5	3.899	46	133278	35.700	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 71.400%			
24) Chloroform-d	4.346	84	136437	5.131	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	5.030	65	67856	4.896	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.047	84	270825	4.465	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.066	67	91970	4.698	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.310	98	228391	4.752	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	7.622	79	27797	4.203	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.000%			
46) 2-Hexanone-d5	8.088	63	142032	49.760	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.520%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58362	5.006	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	11.615	152	75208	5.169	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	31930	1.718	ug/L	98
12) 1,1-Dichloroethene	2.114	96	7879	0.628	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	26715	0.907	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	137727	9.310	ug/L #	97
25) Chloroform	4.371	83	120557	4.320	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	47561	1.832	ug/L	97
30) Cyclohexane	4.680	56	5671	0.189	ug/L #	61
34) Trichloroethene	5.921	95	5012	0.316	ug/L	96
51) Chlorobenzene	8.879	112	17234	0.446	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	9786	0.360	ug/L	96
70) 1,2,4-trichlorobenzene	13.255	180	15190	1.004	ug/L	95
72) 1,2,3-Trichlorobenzene	13.734	180	8544	0.685	ug/L	98

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

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