Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033598.D
Acq On : 12 Jan 2024 16:20
Operator : SY/MD
Sample : P1108-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AY4

Quant Time: Jan 12 23:46:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:30:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	127918	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	121039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32984	4.715	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.400%			
7) Chloroethane-d5	1.536	69	28503	4.595	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.060	65	14911	4.730	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.600%			
20) 2-Butanone-d5	3.802	46	81716	47.780	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.560%			
24) Chloroform-d	4.253	84	70848	4.684	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	4.947	65	35328	5.209	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.200%			
32) Benzene-d6	4.963	84	139088	4.762	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	5.992	67	46386	4.764	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.200%			
41) Toluene-d8	7.246	98	123620	4.741	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	7.564	79	16543	4.914	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.200%			
46) 2-Hexanone-d5	8.027	63	66591	50.386	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.780%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	28348	4.983	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	45642	4.793	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5585	0.420	ug/L	89
19) 1,1-Dichloroethane	3.118	63	6904	0.341	ug/L	94
22) cis-1,2-Dichloroethene	3.822	96	33610	3.151	ug/L	94
27) 1,2-Dichloroethane	5.060	62	3568	0.337	ug/L #	90
30) Cyclohexane	4.584	56	13437	0.653	ug/L	91
33) Benzene	5.018	78	18541	0.431	ug/L	100
34) Trichloroethene	5.844	95	4633	0.405	ug/L	91
35) Methylcyclohexane	6.043	83	4905	0.253	ug/L #	61
51) Chlorobenzene	8.812	112	335157	12.038	ug/L	98
60) Isopropylbenzene	9.870	105	11255	0.229	ug/L #	82
64) 1,3-Dichlorobenzene	11.120	146	26189	1.207	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	43393	2.042	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	7368	0.391	ug/L	94

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

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