Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
Data File : VV034340.D
Acq On : 22 Feb 2024 12:25
Operator : SY/MD
Sample : P1511-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCNF0

Quant Time: Feb 23 01:16:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	33405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	31997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	15467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	9221	3.564	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.200%			
7) Chloroethane-d5	1.526	69	8226	3.630	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.600%			
11) 1,1-Dichloroethene-d2	2.050	65	5032	4.033	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.600%			
20) 2-Butanone-d5	3.812	46	34659	79.767	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 159.540%#			
24) Chloroform-d	4.253	84	23153	4.925	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	4.947	65	13836	6.298	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 126.000%			
32) Benzene-d6	4.963	84	40995	4.270	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.400%			
36) 1,2-Dichloropropane-d6	5.992	67	12864	4.794	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.800%			
41) Toluene-d8	7.246	98	37007	4.194	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
43) trans-1,3-Dichloroprop...	7.571	79	4633	4.572	ug/L	0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.400%			
46) 2-Hexanone-d5	8.043	63	26557	73.419	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 146.840%#			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	11169	6.865	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 137.400%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	14462	5.141	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.800%			
Target Compounds						Qvalue
3) Chloromethane	1.214	50	5020	1.503	ug/L	98
6) Bromomethane	1.487	94	896	0.533	ug/L	97
13) Acetone	2.127	43	5696	17.280	ug/L #	42
14) Carbon disulfide	2.233	76	3936	0.521	ug/L #	93
15) Methyl Acetate	2.388	43	2216	2.841	ug/L	93
16) Methylene chloride	2.446	84	5136	2.294	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	30445	6.350	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	2727	1.147	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	18525	6.869	ug/L	98
34) Trichloroethene	5.831	95	58612	21.103	ug/L	97
42) Toluene	7.330	91	5381	0.525	ug/L	99
52) Ethylbenzene	8.963	91	999	0.085	ug/L	95
53) m,p-Xylene	9.088	106	865	0.194	ug/L	98
54) o-Xylene	9.484	106	648	0.151	ug/L #	50
63) 1,2,4-Trimethylbenzene	10.857	105	3504	0.373	ug/L	94

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

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