Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
Data File : VU053752.D
Acq On : 18 Apr 2023 11:04
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

Quant Time: Apr 19 04:52:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 18 00:19:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132912	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52834	5.429	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.600%			
7) Chloroethane-d5	1.912	69	47385	5.364	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.200%			
11) 1,1-Dichloroethene-d2	2.565	65	19666	4.743	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.800%			
20) 2-Butanone-d5	4.623	46	110546	49.580	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.160%			
24) Chloroform-d	5.060	84	98654	5.468	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.400%			
26) 1,2-Dichloroethane-d4	5.697	65	48214	5.214	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.200%			
32) Benzene-d6	5.723	84	190445	5.056	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
36) 1,2-Dichloropropane-d6	6.687	67	60939	5.309	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.200%			
41) Toluene-d8	7.896	98	178412	5.021	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
43) trans-1,3-Dichloroprop...	8.176	79	24273	5.511	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.200%			
46) 2-Hexanone-d5	8.629	63	94708	52.938	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.880%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	50058	5.240	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	70551	5.426	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	51181	5.041	ug/L	98
3) Chloromethane	1.520	50	47553	4.656	ug/L	97
5) Vinyl chloride	1.604	62	58577	5.086	ug/L	96
6) Bromomethane	1.858	94	34704	4.758	ug/L	96
8) Chloroethane	1.932	64	35452	5.296	ug/L	97
9) Trichlorofluoromethane	2.138	101	84472	4.857	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	50475	5.726	ug/L	96
12) 1,1-Dichloroethene	2.578	96	40206	5.019	ug/L	99
13) Acetone	2.636	43	73401	55.473	ug/L #	46
14) Carbon disulfide	2.790	76	96471	4.103	ug/L	97
15) Methyl Acetate	2.951	43	14209	4.578	ug/L	98
16) Methylene chloride	3.044	84	47058	4.473	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	96108	4.949	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	40442	4.861	ug/L	94
19) 1,1-Dichloroethane	3.867	63	77349	5.046	ug/L	98
21) 2-Butanone	4.703	43	99953	48.648	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	48715	4.346	ug/L	93
23) Bromochloromethane	4.970	128	21546	5.430	ug/L	91
25) Chloroform	5.083	83	86339	5.476	ug/L	99

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Acq On : 18 Apr 2023 11:04
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

Quant Time: Apr 19 04:52:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 18 00:19:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.790	62	49945	5.057	ug/L	#	95
29) 1,1,1-Trichloroethane	5.311	97	74042	5.643	ug/L		97
30) Cyclohexane	5.385	56	62252	4.453	ug/L		99
31) Carbon tetrachloride	5.523	117	62187	5.601	ug/L		100
33) Benzene	5.771	78	179934	5.053	ug/L		100
34) Trichloroethene	6.539	95	51595	5.440	ug/L		93
35) Methylcyclohexane	6.761	83	73934	4.543	ug/L		97
37) 1,2-Dichloropropane	6.787	63	47395	5.040	ug/L		100
38) Bromodichloromethane	7.102	83	57034	5.461	ug/L	#	99
39) cis-1,3-Dichloropropene	7.604	75	69439	4.998	ug/L		94
40) 4-Methyl-2-pentanone	7.787	43	220590	47.939	ug/L		97
42) Toluene	7.967	91	195893	5.034	ug/L		98
44) trans-1,3-Dichloropropene	8.208	75	55419	4.903	ug/L		95
45) 1,1,2-Trichloroethane	8.395	97	35402	5.303	ug/L		96
47) Tetrachloroethene	8.549	164	39008	5.598	ug/L		92
48) 2-Hexanone	8.681	43	176372	51.837	ug/L		96
49) Dibromochloromethane	8.806	129	36130	5.472	ug/L		97
50) 1,2-Dibromoethane	8.922	107	33244	5.155	ug/L	#	99
51) Chlorobenzene	9.443	112	129109	5.260	ug/L		99
52) Ethylbenzene	9.568	91	217758	5.134	ug/L		99
53) m,p-Xylene	9.690	106	84011	5.196	ug/L		97
54) o-Xylene	10.099	106	80907	5.274	ug/L		99
55) Styrene	10.111	104	134539	5.341	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.777	83	41746	4.951	ug/L		98
59) Bromoform	10.288	173	18998	5.105	ug/L		97
60) Isopropylbenzene	10.481	105	219460	4.999	ug/L		99
61) 1,2,3-Trichloropropane	10.819	75	29079	4.856	ug/L		99
62) 1,3,5-Trimethylbenzene	11.086	105	179504	5.039	ug/L		99
63) 1,2,4-Trimethylbenzene	11.465	105	183301	5.024	ug/L		98
64) 1,3-Dichlorobenzene	11.742	146	107360	5.562	ug/L		99
65) 1,4-Dichlorobenzene	11.832	146	107008	5.521	ug/L		95
67) 1,2-Dichlorobenzene	12.211	146	100566	5.496	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5960	5.133	ug/L	#	77
69) 1,3,5-Trichlorobenzene	13.217	180	76580	5.683	ug/L		99
70) 1,2,4-trichlorobenzene	13.838	180	66544	6.211	ug/L		99
71) Naphthalene	14.082	128	115491	5.722	ug/L		100
72) 1,2,3-Trichlorobenzene	14.327	180	59079	6.318	ug/L		99

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

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Acq On : 18 Apr 2023 11:04
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005153

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