Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
Data File : VU056010.D
Acq On : 31 Oct 2023 12:38
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

Quant Time: Nov 01 01:05:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 31 05:28:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	338586	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	332729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	170014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	89027	3.324	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.400%			
7) Chloroethane-d5	1.914	69	86879	4.161	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.200%			
11) 1,1-Dichloroethene-d2	2.567	65	41547	3.654	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.000%			
20) 2-Butanone-d5	4.631	46	250185	52.360	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.720%			
24) Chloroform-d	5.058	84	232996	4.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
26) 1,2-Dichloroethane-d4	5.698	65	108974	4.507	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.724	84	448002	4.520	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
36) 1,2-Dichloropropane-d6	6.689	67	138784	4.724	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.894	98	395077	4.394	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	8.180	79	49334	4.293	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.631	63	199823	68.502	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.000%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105167	4.915	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	140841	4.440	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	89016	4.613	ug/L	98
3) Chloromethane	1.518	50	76642	4.160	ug/L	97
5) Vinyl chloride	1.605	62	88741	4.373	ug/L	97
6) Bromomethane	1.859	94	55943	4.450	ug/L	98
8) Chloroethane	1.936	64	57330	4.821	ug/L	99
9) Trichlorofluoromethane	2.139	101	136553	4.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	96252	5.235	ug/L	99
12) 1,1-Dichloroethene	2.583	96	80500	4.906	ug/L #	76
13) Acetone	2.644	43	132445	48.642	ug/L	94
14) Carbon disulfide	2.795	76	188981	4.498	ug/L	100
15) Methyl Acetate	2.956	43	26194	4.722	ug/L	96
16) Methylene chloride	3.046	84	101804	5.475	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	194306	4.879	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	82262	5.056	ug/L	99
19) 1,1-Dichloroethane	3.866	63	169846	5.141	ug/L	99
21) 2-Butanone	4.714	43	189475	47.337	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	97690	4.959	ug/L	93
23) Bromochloromethane	4.972	128	41345	5.151	ug/L	97
25) Chloroform	5.084	83	179428	5.065	ug/L	100

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005169

Quant Time: Nov 01 01:05:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 31 05:28:08 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	99704	4.791	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	149635	4.934	ug/L	98
30) Cyclohexane	5.386	56	119762	4.681	ug/L	99
31) Carbon tetrachloride	5.521	117	132639	5.128	ug/L	98
33) Benzene	5.772	78	374863	5.105	ug/L	100
34) Trichloroethene	6.541	95	100022	4.870	ug/L	97
35) Methylcyclohexane	6.763	83	134554	4.854	ug/L	98
37) 1,2-Dichloropropane	6.788	63	99861	5.122	ug/L	99
38) Bromodichloromethane	7.103	83	125383	5.123	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	143360	5.162	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	445526	47.405	ug/L	97
42) Toluene	7.965	91	406739	5.300	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	115081	5.133	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	70067	5.111	ug/L	97
47) Tetrachloroethene	8.550	164	76090	5.290	ug/L	96
48) 2-Hexanone	8.682	43	342684	46.373	ug/L	98
49) Dibromochloromethane	8.807	129	79826	5.305	ug/L	98
50) 1,2-Dibromoethane	8.920	107	63596	5.113	ug/L	97
51) Chlorobenzene	9.444	112	260953	5.189	ug/L	99
52) Ethylbenzene	9.566	91	445917	5.126	ug/L	99
53) m,p-Xylene	9.692	106	171415	5.273	ug/L	97
54) o-Xylene	10.097	106	161292	5.070	ug/L	98
55) Styrene	10.113	104	279063	5.473	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	83353	5.253	ug/L	99
59) Bromoform	10.290	173	45974	5.316	ug/L	97
60) Isopropylbenzene	10.483	105	447903	5.287	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	57074	4.890	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	356819	5.154	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	358022	5.566	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	214766	5.348	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	213964	5.338	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	195548	5.303	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11957	5.741	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	162790	5.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	130383	6.428	ug/L	99
71) Naphthalene	14.084	128	174864	5.953	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	106320	6.079	ug/L	95

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

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ClientSampleId :
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