Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
Data File : VU055395.D
Acq On : 19 Sep 2023 16:21
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

Quant Time: Sep 20 06:02:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 20 05:54:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	273797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	149993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	133754	4.918	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.400%			
7) Chloroethane-d5	1.911	69	119349	4.980	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.600%			
11) 1,1-Dichloroethene-d2	2.560	65	55933	4.997	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.000%			
20) 2-Butanone-d5	4.628	46	251343	51.167	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.340%			
24) Chloroform-d	5.059	84	247761	5.037	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	5.698	65	120003	5.072	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.400%			
32) Benzene-d6	5.724	84	501415	5.236	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
36) 1,2-Dichloropropane-d6	6.686	67	147852	5.167	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.895	98	459771	5.267	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.400%			
43) trans-1,3-Dichloroprop...	8.177	79	53707	5.348	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.000%			
46) 2-Hexanone-d5	8.631	63	162815	53.306	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.620%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110421	5.149	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	162580	5.370	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.384	85	123695	4.722	ug/L	100
3) Chloromethane	1.515	50	108846	4.723	ug/L	99
5) Vinyl chloride	1.602	62	116416	4.682	ug/L	99
6) Bromomethane	1.856	94	75329	4.770	ug/L	99
8) Chloroethane	1.930	64	76810	4.734	ug/L	98
9) Trichlorofluoromethane	2.133	101	161324	4.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98724	4.706	ug/L	99
12) 1,1-Dichloroethene	2.576	96	89986	4.783	ug/L	94
13) Acetone	2.641	43	123656	44.161	ug/L	99
14) Carbon disulfide	2.789	76	274457	4.853	ug/L	99
15) Methyl Acetate	2.953	43	28810	4.513	ug/L	100
16) Methylene chloride	3.039	84	110415	4.899	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	197219	4.832	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	91398	4.820	ug/L	96
19) 1,1-Dichloroethane	3.863	63	169635	4.837	ug/L	97
21) 2-Butanone	4.708	43	191098	46.531	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	102152	4.646	ug/L	97
23) Bromochloromethane	4.969	128	43822	4.716	ug/L	98
25) Chloroform	5.084	83	176050	4.741	ug/L	99

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

Quant Time: Sep 20 06:02:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 20 05:54:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.792	62	106611	4.682	ug/L		98
29) 1,1,1-Trichloroethane	5.313	97	152940	4.900	ug/L		99
30) Cyclohexane	5.383	56	141881	4.966	ug/L		98
31) Carbon tetrachloride	5.522	117	130807	4.889	ug/L		98
33) Benzene	5.769	78	392750	4.984	ug/L		100
34) Trichloroethene	6.541	95	108468	4.866	ug/L		99
35) Methylcyclohexane	6.760	83	161362	5.025	ug/L		98
37) 1,2-Dichloropropane	6.785	63	100225	4.863	ug/L		100
38) Bromodichloromethane	7.100	83	119191	4.935	ug/L		96
39) cis-1,3-Dichloropropene	7.605	75	141638	5.149	ug/L		100
40) 4-Methyl-2-pentanone	7.788	43	466081	49.855	ug/L		100
42) Toluene	7.965	91	423664	5.040	ug/L		100
44) trans-1,3-Dichloropropene	8.210	75	112294	5.103	ug/L		100
45) 1,1,2-Trichloroethane	8.396	97	70832	4.902	ug/L		97
47) Tetrachloroethene	8.550	164	79728	4.986	ug/L		98
48) 2-Hexanone	8.682	43	376280	51.933	ug/L		98
49) Dibromochloromethane	8.808	129	74231	4.900	ug/L		98
50) 1,2-Dibromoethane	8.920	107	66382	4.950	ug/L	#	98
51) Chlorobenzene	9.444	112	264688	4.916	ug/L		98
52) Ethylbenzene	9.566	91	451928	5.015	ug/L		97
53) m,p-Xylene	9.692	106	172468	5.107	ug/L		99
54) o-Xylene	10.097	106	164743	5.018	ug/L		95
55) Styrene	10.113	104	277241	5.222	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.779	83	79058	4.846	ug/L		100
59) Bromoform	10.287	173	40126	4.991	ug/L		99
60) Isopropylbenzene	10.483	105	451190	5.219	ug/L		100
61) 1,2,3-Trichloropropane	10.820	75	55750	4.761	ug/L		99
62) 1,3,5-Trimethylbenzene	11.084	105	356316	5.154	ug/L		100
63) 1,2,4-Trimethylbenzene	11.467	105	352564	5.210	ug/L		100
64) 1,3-Dichlorobenzene	11.743	146	211399	5.108	ug/L		97
65) 1,4-Dichlorobenzene	11.833	146	211578	5.115	ug/L		98
67) 1,2-Dichlorobenzene	12.209	146	195350	5.148	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10722	5.283	ug/L		94
69) 1,3,5-Trichlorobenzene	13.216	180	145994	5.122	ug/L		99
70) 1,2,4-trichlorobenzene	13.840	180	118285	5.444	ug/L		99
71) Naphthalene	14.084	128	184859	5.876	ug/L		100
72) 1,2,3-Trichlorobenzene	14.328	180	105784	5.595	ug/L		99

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

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005133

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