Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021420\
Data File : VU036779.D
Acq On : 14 Feb 2020 09:49
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Feb 14 23:27:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 15:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	137518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57774	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	52200	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.93	69	48263	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.59	63	93629	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.68	46	144931	58.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.88%			
24) Chloroform-d	5.11	84	93179	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.74	65	52912	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.76	84	196119	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.73	67	63151	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.93	98	177347	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	8.21	79	24671	5.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.80%			
46) 2-Hexanone-d5	8.66	63	119694	55.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.36%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	48618	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	57035	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	44917	4.946	ug/L	100
3) Chloromethane	1.53	50	45704	4.835	ug/L	98
5) Vinyl chloride	1.62	62	52840	4.786	ug/L	96
6) Bromomethane	1.87	94	30716	4.630	ug/L	98
8) Chloroethane	1.95	64	35527	4.606	ug/L	99
9) Trichlorofluoromethane	2.16	101	69540	4.787	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	45259	4.879	ug/L	98
12) 1,1-Dichloroethene	2.60	96	39834	4.762	ug/L	94
13) Acetone	2.68	43	169437	53.428	ug/L	99
14) Carbon disulfide	2.82	76	94213	4.667	ug/L	99
15) Methyl Acetate	2.99	43	21360	5.076	ug/L	100
16) Methylene chloride	3.08	84	51272	3.636	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	126238	5.095	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	42371	4.908	ug/L	98
19) 1,1-Dichloroethane	3.91	63	90830	5.018	ug/L	97
21) 2-Butanone	4.76	43	197935	53.654	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	52675	5.043	ug/L	99

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

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Feb 14 23:27:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 15:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	20688	4.982 ug/L	97
25) Chloroform	5.13	83	90568	4.685 ug/L	98
27) 1,2-Dichloroethane	5.83	62	59910	4.862 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	70347	5.103 ug/L	99
30) Cyclohexane	5.43	56	74744	5.105 ug/L	100
31) Carbon tetrachloride	5.56	117	55276	4.970 ug/L	98
33) Benzene	5.81	78	196137	5.066 ug/L	100
34) Trichloroethene	6.57	95	49833	5.054 ug/L	98
35) Methylcyclohexane	6.79	83	78918	5.044 ug/L	97
37) 1,2-Dichloropropane	6.83	63	53815	5.091 ug/L	100
38) Bromodichloromethane	7.14	83	64765	5.134 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	79319	5.186 ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	371398	54.447 ug/L	99
42) Toluene	8.00	91	211691	5.091 ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	61437	5.140 ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	37338	5.077 ug/L	98
47) Tetrachloroethene	8.58	164	32835	4.895 ug/L	99
48) 2-Hexanone	8.72	43	320340	54.877 ug/L	99
49) Dibromochloromethane	8.84	129	38890	5.114 ug/L	98
50) 1,2-Dibromoethane	8.95	107	33985	5.117 ug/L	100
51) Chlorobenzene	9.47	112	130791	5.085 ug/L	98
52) Ethylbenzene	9.59	91	234489	5.050 ug/L	99
53) m,p-Xylene	9.72	106	84841	4.964 ug/L	93
54) o-Xylene	10.12	106	86184	5.135 ug/L	100
55) Styrene	10.14	104	144557	5.110 ug/L	98
56) Isopropylbenzene	10.50	105	229918	5.119 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	49160	5.107 ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	35138	5.035 ug/L	98
61) Bromoform	10.31	173	20404	5.126 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	97358	4.891 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	98397	4.987 ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	94675	4.934 ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	7424	5.184 ug/L	97
67) 1,3,5-Trichlorobenzene	13.25	180	70411	5.025 ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	54925	5.198 ug/L	100
69) Naphthalene	14.12	128	126980	6.632 ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	50453	5.320 ug/L	97

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

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