Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\
Data File : VU034978.D
Acq On : 07 Oct 2019 22:40
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Oct 09 04:05:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	176942	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	179932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	94202	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	48704	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.67	69	45270	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.26	63	106622	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.60%			
20) 2-Butanone-d5	4.17	46	150664	48.91	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.82%			
24) Chloroform-d	4.62	84	90394	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.29	65	56466	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.31	84	203749	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.31	67	68213	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.54	98	197606	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	7.83	79	23290	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.30	63	117409	48.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.26%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57348	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	77192	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	83310	5.152	ug/L	99
3) Chloromethane	1.32	50	91539	5.160	ug/L	98
5) Vinyl chloride	1.40	62	90916	5.218	ug/L	99
6) Bromomethane	1.62	94	46541	4.805	ug/L	99
8) Chloroethane	1.69	64	52551	5.029	ug/L	98
9) Trichlorofluoromethane	1.87	101	111423	5.288	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	61413	5.076	ug/L	98
12) 1,1-Dichloroethene	2.27	96	59166	5.206	ug/L	99
13) Acetone	2.31	43	121640	48.218	ug/L	100
14) Carbon disulfide	2.46	76	189091	4.999	ug/L	97
15) Methyl Acetate	2.60	43	32127	4.784	ug/L	99
16) Methylene chloride	2.68	84	72218	5.133	ug/L	97
17) Methyl tert-butyl Ether	2.99	73	161518	5.209	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	63420	5.211	ug/L	98
19) 1,1-Dichloroethane	3.42	63	126685	5.237	ug/L	96
21) 2-Butanone	4.25	43	180805	50.328	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	69333	5.107	ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	31251	5.493 ug/L	96
25) Chloroform	4.65	83	147373	5.423 ug/L	99
27) 1,2-Dichloroethane	5.38	62	80160	5.050 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	102089	5.052 ug/L	99
30) Cyclohexane	4.96	56	108718	4.893 ug/L	99
31) Carbon tetrachloride	5.11	117	89022	5.080 ug/L	100
33) Benzene	5.36	78	275510	5.083 ug/L	100
34) Trichloroethene	6.16	95	70101	5.015 ug/L	97
35) Methylcyclohexane	6.39	83	110498	4.881 ug/L	99
37) 1,2-Dichloropropane	6.41	63	74759	5.113 ug/L	99
38) Bromodichloromethane	6.74	83	86571	5.051 ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	92096	4.650 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	456419	49.602 ug/L	98
42) Toluene	7.61	91	300460	5.311 ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	72970	4.757 ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	49100	5.058 ug/L	98
47) Tetrachloroethene	8.21	164	57259	5.061 ug/L	97
48) 2-Hexanone	8.34	43	315308	49.977 ug/L	99
49) Dibromochloromethane	8.46	129	56746	5.057 ug/L	94
50) 1,2-Dibromoethane	8.57	107	47169	5.084 ug/L #	96
51) Chlorobenzene	9.10	112	188632	5.145 ug/L	98
52) Ethylbenzene	9.23	91	319776	5.118 ug/L	99
53) m,p-Xylene	9.35	106	120402	5.216 ug/L	98
54) o-Xylene	9.76	106	116701	5.170 ug/L	96
55) Styrene	9.77	104	197041	5.390 ug/L	99
56) Isopropylbenzene	10.14	105	312293	5.193 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	66646	5.048 ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	46291	4.892 ug/L	99
61) Bromoform	9.94	173	30404	4.706 ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	145727	5.022 ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	143460	4.898 ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	139828	4.993 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	8182	4.598 ug/L	91
67) 1,3,5-Trichlorobenzene	12.87	180	98305	5.003 ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	71371	4.863 ug/L	99
69) Naphthalene	13.73	128	96951	4.249 ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	69417	4.864 ug/L	98

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

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