Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\
Data File : VU034955.D
Acq On : 07 Oct 2019 12:28
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Oct 09 02:57:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 02:54:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	201618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	198835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	100125	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	58460	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.67	69	52044	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.26	63	121785	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.19	46	197719	56.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.66%			
24) Chloroform-d	4.62	84	112577	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.29	65	65788	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.31	84	233468	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.31	67	78030	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.54	98	231920	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloropropene-	7.83	79	29845	5.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.40%			
46) 2-Hexanone-d5	8.30	63	156529	58.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.34%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	69060	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	86200	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	92077	4.997	ug/L	100
3) Chloromethane	1.32	50	100727	4.983	ug/L	98
5) Vinyl chloride	1.40	62	99960	5.035	ug/L	98
6) Bromomethane	1.62	94	53321	4.831	ug/L	100
8) Chloroethane	1.69	64	59610	5.006	ug/L	98
9) Trichlorofluoromethane	1.87	101	121402	5.056	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	67415	4.890	ug/L	99
12) 1,1-Dichloroethene	2.27	96	63902	4.934	ug/L	97
13) Acetone	2.33	43	155914	54.240	ug/L	98
14) Carbon disulfide	2.46	76	213060	4.944	ug/L	98
15) Methyl Acetate	2.61	43	39275	5.133	ug/L	99
16) Methylene chloride	2.68	84	73883	4.608	ug/L	96
17) Methyl tert-butyl Ether	2.99	73	183825	5.203	ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	67891	4.896	ug/L	96
19) 1,1-Dichloroethane	3.42	63	138143	5.012	ug/L	98
21) 2-Butanone	4.27	43	239647	58.543	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	76148	4.923	ug/L	97

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Oct 09 02:57:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 02:54:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	34431	5.311 ug/L	95
25) Chloroform	4.65	83	146367	4.727 ug/L	96
27) 1,2-Dichloroethane	5.38	62	91347	5.051 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	111586	4.997 ug/L	99
30) Cyclohexane	4.97	56	122579	4.992 ug/L	100
31) Carbon tetrachloride	5.11	117	98917	5.108 ug/L	99
33) Benzene	5.36	78	299120	4.994 ug/L	100
34) Trichloroethene	6.16	95	76858	4.976 ug/L	95
35) Methylcyclohexane	6.39	83	127113	5.081 ug/L	100
37) 1,2-Dichloropropane	6.41	63	81851	5.066 ug/L	99
38) Bromodichloromethane	6.74	83	95942	5.066 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	112503	5.140 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	571067	56.161 ug/L	99
42) Toluene	7.61	91	322547	5.159 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	90137	5.317 ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	57363	5.348 ug/L	99
47) Tetrachloroethene	8.21	164	61655	4.931 ug/L	98
48) 2-Hexanone	8.35	43	410660	58.903 ug/L	98
49) Dibromochloromethane	8.46	129	63277	5.103 ug/L	90
50) 1,2-Dibromoethane	8.57	107	54985	5.363 ug/L	96
51) Chlorobenzene	9.10	112	201602	4.976 ug/L	98
52) Ethylbenzene	9.23	91	355760	5.152 ug/L	100
53) m,p-Xylene	9.35	106	133312	5.227 ug/L	100
54) o-Xylene	9.76	106	129713	5.200 ug/L	99
55) Styrene	9.77	104	216141	5.351 ug/L	97
56) Isopropylbenzene	10.14	105	339991	5.116 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	77992	5.346 ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	56109	5.365 ug/L	98
61) Bromoform	9.94	173	36302	5.286 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	161986	5.252 ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	164488	5.284 ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	155036	5.209 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	10503	5.553 ug/L	92
67) 1,3,5-Trichlorobenzene	12.86	180	114991	5.506 ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	94657	6.069 ug/L	99
69) Naphthalene	13.72	128	157782	6.506 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	91604	6.039 ug/L	99

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

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