Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
Data File : VV013451.D
Acq On : 31 Oct 2019 17:17
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV32

Quant Time: Nov 01 06:05:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372715	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231705	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	131755	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.58	69	109169	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.13	63	246219	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	3.95	46	371310	43.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.26%			
24) Chloroform-d	4.40	84	316792	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.08	65	159697	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.09	84	630189	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.12	67	191896	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.36	98	587129	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.66	79	73315	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.13	63	263083	44.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.62%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	136616	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	224805	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	230676	5.187	ug/L	99
3) Chloromethane	1.25	50	188707	5.144	ug/L	100
5) Vinyl chloride	1.32	62	187996	5.064	ug/L	98
6) Bromomethane	1.53	94	90058	5.157	ug/L	98
8) Chloroethane	1.60	64	102939	5.060	ug/L	99
9) Trichlorofluoromethane	1.77	101	255817	5.192	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	144216	5.137	ug/L	98
12) 1,1-Dichloroethene	2.14	96	135571	5.157	ug/L	97
13) Acetone	2.21	43	174417	45.235	ug/L	97
14) Carbon disulfide	2.31	76	410934	5.040	ug/L	100
15) Methyl Acetate	2.47	43	67441	4.926	ug/L	99
16) Methylene chloride	2.53	84	180589	4.545	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	390689	5.000	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	181997	5.221	ug/L	97
19) 1,1-Dichloroethane	3.23	63	337216	5.309	ug/L	98
21) 2-Butanone	4.04	43	396119	45.471	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	191586	5.220	ug/L #	94

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV32

Quant Time: Nov 01 06:05:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	82470	5.031	ug/L		96
25) Chloroform	4.42	83	338002	4.826	ug/L		96
27) 1,2-Dichloroethane	5.18	62	194564	4.938	ug/L		100
29) 1,1,1-Trichloroethane	4.66	97	283443	5.152	ug/L		99
30) Cyclohexane	4.72	56	311481	5.238	ug/L		100
31) Carbon tetrachloride	4.87	117	249346	5.094	ug/L		98
33) Benzene	5.14	78	733100	5.313	ug/L		100
34) Trichloroethene	5.96	95	187562	5.006	ug/L		98
35) Methylcyclohexane	6.17	83	301950	5.196	ug/L		98
37) 1,2-Dichloropropane	6.22	63	181621	5.254	ug/L		100
38) Bromodichloromethane	6.55	83	220883	4.937	ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	245837	5.072	ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	1035970	46.912	ug/L		100
42) Toluene	7.43	91	752938	5.247	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	192899	5.088	ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	117909	4.800	ug/L		98
47) Tetrachloroethene	8.02	164	159863	4.968	ug/L		98
48) 2-Hexanone	8.18	43	803842	50.412	ug/L		99
49) Dibromochloromethane	8.29	129	146594	4.900	ug/L		96
50) 1,2-Dibromoethane	8.39	107	110599	4.777	ug/L	#	98
51) Chlorobenzene	8.92	112	493111	5.295	ug/L		99
52) Ethylbenzene	9.05	91	818499	5.369	ug/L		100
53) m,p-xylene	9.18	106	320756	5.498	ug/L		100
54) o-xylene	9.58	106	296305	5.299	ug/L		95
55) Styrene	9.60	104	522648	5.493	ug/L		99
56) Isopropylbenzene	9.97	105	823458	5.541	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	134695	4.746	ug/L		99
59) 1,2,3-Trichloropropane	10.32	75	105182	4.699	ug/L		99
61) Bromoform	9.77	173	85856	5.039	ug/L		97
62) 1,3-Dichlorobenzene	11.22	146	400983	5.353	ug/L		99
63) 1,4-Dichlorobenzene	11.31	146	405590	5.336	ug/L		99
65) 1,2-Dichlorobenzene	11.68	146	369508	5.338	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19787	4.699	ug/L		94
67) 1,3,5-Trichlorobenzene	12.69	180	319484	5.296	ug/L		100
68) 1,2,4-trichlorobenzene	13.31	180	257398	5.112	ug/L		99
69) Naphthalene	13.55	128	377653	5.115	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	244401	5.268	ug/L		98

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

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