Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091019\
Data File : VR026614.D
Acq On : 10 Sep 2019 18:18
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VICV61

Quant Time: Sep 11 08:12:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 08:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	491924	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	363134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	159088	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.18	65	70796	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	2.63	69	62522	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	3.64	63	168273	4.68	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	6.62	46	153805	46.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.04%			
24) Chloroform-d	7.23	84	258816	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	7.91	65	80011	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	7.88	84	506535	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	8.92	67	128760	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	9.99	98	390277	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
43) trans-1,3-Dichloropropene-	10.26	79	30217	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	10.60	63	95834	48.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.68%			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	60318	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	13.53	152	102089	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	229132	4.604	ug/L	99
3) Chloromethane	2.06	50	133665	4.489	ug/L	98
5) Vinyl chloride	2.20	62	130153	4.618	ug/L	94
6) Bromomethane	2.54	94	78198	4.825	ug/L	99
8) Chloroethane	2.66	64	71046	4.451	ug/L	96
9) Trichlorofluoromethane	2.97	101	194851	4.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	85468	4.603	ug/L	96
12) 1,1-Dichloroethene	3.65	96	88907	4.619	ug/L	92
13) Acetone	3.73	43	87612	43.133	ug/L	98
14) Carbon disulfide	3.97	76	362132	4.707	ug/L	99
15) Methyl Acetate	4.22	43	38338	4.245	ug/L	97
16) Methylene chloride	4.43	84	181813	4.498	ug/L	96
17) Methyl tert-butyl Ether	4.93	73	225259	4.646	ug/L	98
18) trans-1,2-Dichloroethene	4.92	96	202502	4.877	ug/L	93
19) 1,1-Dichloroethane	5.72	63	380585	4.816	ug/L	98
21) 2-Butanone	6.72	43	203931	48.610	ug/L	98
22) cis-1,2-Dichloroethene	6.70	96	200669	4.911	ug/L	98

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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.07	128	54094	4.926 ug/L	89
25) Chloroform	7.26	83	333351	4.581 ug/L	95
27) 1,2-Dichloroethane	8.01	62	123059	4.623 ug/L	100
29) 1,1,1-Trichloroethane	7.46	97	268829	4.901 ug/L	98
30) Cyclohexane	7.54	56	321916	4.923 ug/L	97
31) Carbon tetrachloride	7.66	117	216849	4.760 ug/L	99
33) Benzene	7.93	78	782264	4.872 ug/L	100
34) Trichloroethene	8.73	95	186521	4.704 ug/L	97
35) Methylcyclohexane	8.97	83	290903	4.874 ug/L	98
37) 1,2-Dichloropropane	9.02	63	154393	4.813 ug/L	98
38) Bromodichloromethane	9.30	83	156083	4.714 ug/L #	98
39) cis-1,3-Dichloropropene	9.73	75	168913	4.843 ug/L	98
40) 4-Methyl-2-pentanone	9.88	43	451623	49.264 ug/L	98
42) Toluene	10.05	91	705498	4.911 ug/L	98
44) trans-1,3-Dichloropropene	10.28	75	108528	5.009 ug/L	94
45) 1,1,2-Trichloroethane	10.46	97	63350	4.727 ug/L	98
47) Tetrachloroethene	10.53	164	104560	4.688 ug/L	91
48) 2-Hexanone	10.65	43	271206	49.760 ug/L	100
49) Dibromochloromethane	10.80	129	64248	4.598 ug/L	98
50) 1,2-Dibromoethane	10.90	107	55451	4.939 ug/L	95
51) Chlorobenzene	11.33	112	376210	4.857 ug/L	97
52) Ethylbenzene	11.41	91	770751	4.896 ug/L	99
53) m,p-Xylene	11.52	106	286053	4.962 ug/L	93
54) o-Xylene	11.84	106	278374	4.961 ug/L	99
55) Styrene	11.86	104	396934	5.130 ug/L	98
56) Isopropylbenzene	12.15	105	781387	5.005 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	73350	4.810 ug/L	97
59) 1,2,3-Trichloropropane	12.45	75	51647	4.671 ug/L	99
61) Bromoform	12.03	173	27464	4.700 ug/L	99
62) 1,3-Dichlorobenzene	13.18	146	264986	4.896 ug/L	97
63) 1,4-Dichlorobenzene	13.26	146	247975	4.759 ug/L	94
65) 1,2-Dichlorobenzene	13.55	146	221495	4.904 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.16	75	10511	4.572 ug/L	84
67) 1,3,5-Trichlorobenzene	14.31	180	214888	4.914 ug/L	97
68) 1,2,4-trichlorobenzene	14.80	180	156599	4.896 ug/L	96
69) Naphthalene	15.02	128	219904	4.889 ug/L	100
70) 1,2,3-Trichlorobenzene	15.20	180	131001	4.879 ug/L	99

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

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