Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120319\
Data File : VU035947.D
Acq On : 03 Dec 2019 14:13
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV03

Quant Time: Dec 04 03:38:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 04 03:35:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	372087	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	383314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182182	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	193041	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	153243	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.59	63	284443	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	4.70	46	350692	46.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.38%			
24) Chloroform-d	5.11	84	267418	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.75	65	139115	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.77	84	535846	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.73	67	166566	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.93	98	496802	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	8.21	79	68061	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.67	63	279361	47.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.68%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	135843	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	164711	4.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	189032	4.906	ug/L	97
3) Chloromethane	1.54	50	213689	4.856	ug/L	100
5) Vinyl chloride	1.62	62	222127	4.998	ug/L	100
6) Bromomethane	1.87	94	125605	4.928	ug/L	96
8) Chloroethane	1.95	64	129659	4.704	ug/L	99
9) Trichlorofluoromethane	2.16	101	263323	5.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	144621	5.057	ug/L	97
12) 1,1-Dichloroethene	2.60	96	132974	4.987	ug/L	93
13) Acetone	2.68	43	285621	42.061	ug/L	99
14) Carbon disulfide	2.82	76	460629	4.931	ug/L	99
15) Methyl Acetate	3.00	43	63087	5.183	ug/L	97
16) Methylene chloride	3.08	84	171260	4.146	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	311192	4.981	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	141731	5.019	ug/L	99
19) 1,1-Dichloroethane	3.92	63	277135	5.021	ug/L	99
21) 2-Butanone	4.77	43	426329	48.906	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	150901	5.058	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV03

Quant Time: Dec 04 03:38:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 04 03:35:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	68145	4.990	ug/L	96
25) Chloroform	5.13	83	280644	5.039	ug/L	100
27) 1,2-Dichloroethane	5.84	62	170276	4.783	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	229610	4.953	ug/L	99
30) Cyclohexane	5.43	56	235136	5.136	ug/L	99
31) Carbon tetrachloride	5.57	117	202725	4.932	ug/L	99
33) Benzene	5.82	78	621981	5.160	ug/L	100
34) Trichloroethene	6.58	95	155414	5.098	ug/L	98
35) Methylcyclohexane	6.80	83	231954	5.075	ug/L	98
37) 1,2-Dichloropropane	6.83	63	164701	5.046	ug/L	99
38) Bromodichloromethane	7.14	83	195308	5.000	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	223538	5.162	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	956955	49.884	ug/L	100
42) Toluene	8.00	91	655277	5.204	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	184062	4.971	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	111665	5.025	ug/L	98
47) Tetrachloroethene	8.58	164	124290	5.017	ug/L	96
48) 2-Hexanone	8.73	43	720949	50.878	ug/L	98
49) Dibromochloromethane	8.84	129	132448	4.888	ug/L	91
50) 1,2-Dibromoethane	8.96	107	106636	4.946	ug/L	96
51) Chlorobenzene	9.48	112	397485	5.055	ug/L	100
52) Ethylbenzene	9.60	91	656021	5.154	ug/L	98
53) m,p-Xylene	9.72	106	250425	5.212	ug/L	93
54) o-Xylene	10.13	106	241131	5.348	ug/L	97
55) Styrene	10.14	104	413308	5.451	ug/L	95
56) Isopropylbenzene	10.51	105	629430	5.326	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	141508	4.745	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	104690	4.935	ug/L	96
61) Bromoform	10.32	173	78826	4.685	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	300651	4.962	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	302022	5.022	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	288130	4.975	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	20150	4.466	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	205848	4.977	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	108472	4.894	ug/L	98
69) Naphthalene	14.11	128	100065	3.965	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	105040	4.786	ug/L	99

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

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