Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\
Data File : VU036155.D
Acq On : 12 Dec 2019 17:09
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: Dec 13 01:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	339864	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	340143	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	167570	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	146975	4.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.40%			
7) Chloroethane-d5	1.93	69	122605	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.59	63	206123	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.70	46	256510	46.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.72%			
24) Chloroform-d	5.11	84	214251	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.75	65	106784	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
32) Benzene-d6	5.77	84	420688	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.73	67	129801	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.93	98	410602	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	8.21	79	56665	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.68	63	212535	48.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.76%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116524	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	155345	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	166457	4.419	ug/L	99
3) Chloromethane	1.54	50	194425	3.998	ug/L	98
5) Vinyl chloride	1.62	62	207437	4.570	ug/L	99
6) Bromomethane	1.87	94	123326	4.420	ug/L	98
8) Chloroethane	1.95	64	126446	4.526	ug/L	99
9) Trichlorofluoromethane	2.16	101	254928	4.607	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	124119	4.525	ug/L	100
12) 1,1-Dichloroethene	2.61	96	119156	4.653	ug/L	98
13) Acetone	2.68	43	193053	40.105	ug/L	99
14) Carbon disulfide	2.82	76	382241	4.491	ug/L	99
15) Methyl Acetate	3.00	43	42846	4.175	ug/L	94
16) Methylene chloride	3.08	84	136431	3.810	ug/L	99
17) Methyl tert-butyl Ether	3.42	73	252480	4.741	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	121778	4.583	ug/L	99
19) 1,1-Dichloroethane	3.92	63	224016	4.584	ug/L	99
21) 2-Butanone	4.78	43	294244	45.852	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	128216	4.688	ug/L	93

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Data File : VU036155.D
Acq On : 12 Dec 2019 17:09
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: Dec 13 01:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	61360	4.508	ug/L	92
25) Chloroform	5.14	83	230459	4.460	ug/L	96
27) 1,2-Dichloroethane	5.84	62	146184	4.826	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	197937	4.746	ug/L	99
30) Cyclohexane	5.43	56	181689	5.118	ug/L	99
31) Carbon tetrachloride	5.57	117	178763	4.790	ug/L	100
33) Benzene	5.82	78	518135	4.952	ug/L	100
34) Trichloroethene	6.58	95	130492	4.877	ug/L	97
35) Methylcyclohexane	6.80	83	194311	5.095	ug/L	99
37) 1,2-Dichloropropane	6.83	63	126750	4.696	ug/L	98
38) Bromodichloromethane	7.14	83	162654	4.721	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	181124	5.077	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	707983	51.965	ug/L	99
42) Toluene	8.00	91	560390	5.057	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	153377	5.099	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	97391	4.892	ug/L	95
47) Tetrachloroethene	8.58	164	115631	4.932	ug/L	97
48) 2-Hexanone	8.73	43	532896	53.320	ug/L	97
49) Dibromochloromethane	8.84	129	118520	4.806	ug/L	96
50) 1,2-Dibromoethane	8.96	107	92221	4.943	ug/L	97
51) Chlorobenzene	9.48	112	351212	4.868	ug/L	99
52) Ethylbenzene	9.60	91	557042	5.167	ug/L	97
53) m,p-Xylene	9.72	106	219404	5.182	ug/L	99
54) o-Xylene	10.13	106	209252	5.173	ug/L	100
55) Styrene	10.14	104	367794	5.131	ug/L	99
56) Isopropylbenzene	10.51	105	541967	5.244	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	120703	4.823	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	87862	4.937	ug/L	99
61) Bromoform	10.32	173	69845	4.377	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	282889	5.116	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	277583	5.139	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	267853	5.053	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16536	4.885	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	192830	5.383	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	110688	5.898	ug/L	97
69) Naphthalene	14.11	128	117997	6.109	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	111426	6.372	ug/L	99

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

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Instrument : MSVOA_U
ClientSampleId : VICV05

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