Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038033.D
Acq On : 07 May 2020 12:11
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: May 08 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:43:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	395908	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	381805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	185621	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	166691	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.93	69	141640	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.59	63	267598	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.40%			
20) 2-Butanone-d5	4.67	46	375242	42.00	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.00%			
24) Chloroform-d	5.10	84	246914	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.74	65	138721	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	5.76	84	524058	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.72	67	167194	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.92	98	481323	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	8.20	79	67175	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.66	63	309374	44.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.58%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127868	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	165185	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	149750	4.136	ug/L	100
3) Chloromethane	1.53	50	192725	4.417	ug/L	99
5) Vinyl chloride	1.61	62	192076	4.492	ug/L	99
6) Bromomethane	1.87	94	106529	4.376	ug/L	96
8) Chloroethane	1.95	64	115447	4.390	ug/L	99
9) Trichlorofluoromethane	2.16	101	190142	4.349	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	112128	4.137	ug/L	99
12) 1,1-Dichloroethene	2.60	96	122313	4.452	ug/L	91
13) Acetone	2.66	43	219220	39.107	ug/L	100
14) Carbon disulfide	2.82	76	440049	4.490	ug/L	99
15) Methyl Acetate	2.98	43	60835	3.880	ug/L	99
16) Methylene chloride	3.07	84	137272	4.286	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	327775	4.293	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	133351	4.446	ug/L	99
19) 1,1-Dichloroethane	3.91	63	252213	4.305	ug/L	100
21) 2-Butanone	4.75	43	394005	39.821	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	142093	4.396	ug/L	98

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Acq On : 07 May 2020 12:11
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV05

Quant Time: May 08 01:45:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:43:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	62208	4.472	ug/L	89
25) Chloroform	5.12	83	237601	4.348	ug/L	100
27) 1,2-Dichloroethane	5.83	62	165889	4.301	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	196741	4.498	ug/L	99
30) Cyclohexane	5.42	56	228964	4.433	ug/L	99
31) Carbon tetrachloride	5.56	117	161695	4.599	ug/L	98
33) Benzene	5.81	78	555262	4.541	ug/L	100
34) Trichloroethene	6.57	95	138492	4.529	ug/L	99
35) Methylcyclohexane	6.79	83	217027	4.381	ug/L	96
37) 1,2-Dichloropropane	6.82	63	146051	4.398	ug/L	100
38) Bromodichloromethane	7.13	83	168710	4.394	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	215373	4.531	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	990099	43.016	ug/L	100
42) Toluene	7.99	91	590386	4.574	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	181058	4.480	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	99750	4.325	ug/L	96
47) Tetrachloroethene	8.57	164	97469	4.557	ug/L	98
48) 2-Hexanone	8.71	43	727398	43.153	ug/L	99
49) Dibromochloromethane	8.83	129	106225	4.438	ug/L	98
50) 1,2-Dibromoethane	8.95	107	93584	4.372	ug/L	95
51) Chlorobenzene	9.47	112	364093	4.546	ug/L	99
52) Ethylbenzene	9.59	91	642053	4.592	ug/L	99
53) m,p-Xylene	9.71	106	248570	4.637	ug/L	98
54) o-Xylene	10.12	106	242764	4.684	ug/L	99
55) Styrene	10.13	104	408244	4.692	ug/L	97
56) Isopropylbenzene	10.50	105	625716	4.700	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	125424	4.284	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	94423	4.236	ug/L	99
61) Bromoform	10.31	173	54775	4.366	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	279040	4.620	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	280741	4.587	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	260139	4.477	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	20334	4.282	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	199082	4.543	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	184377	4.639	ug/L	98
69) Naphthalene	14.12	128	402789	4.813	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	172071	4.657	ug/L	99

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

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Acq On : 07 May 2020 12:11
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV05

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